

New Products from CST—September 2026

We are continually expanding our portfolio to meet your research needs. Check out the new products released this month.

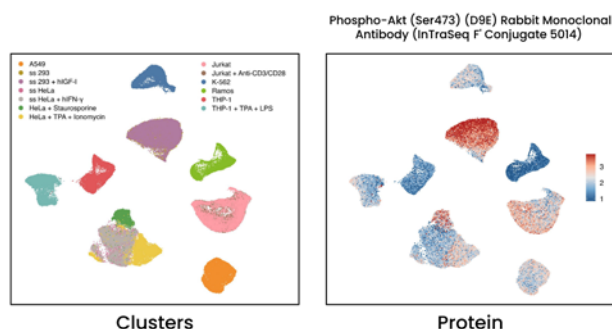
InTraSeq® F' Conjugate Antibody Cocktail 1 #96928

Single-Cell Signaling Pathway Analysis

The InTraSeq F' Conjugate Antibody Cocktail 1 enables the simultaneous measurement of RNA and proteins (cytoplasmic, cell surface, and nuclear), including post-translational modifications (PTMs), in single-cell assays. By overcoming the challenge where RNA levels do not necessarily reflect protein abundance or activity such as PTMs, it allows researchers to analyze diverse signaling pathways and elucidate molecular mechanisms using single-cell transcriptomics—insights that cannot be captured by single-cell RNA sequencing alone.

#96928 is suitable for analysis using human and mouse samples.

KEYWORDS: Single-cell analysis, Signaling pathway analysis, Post-translational modifications (PTMs)



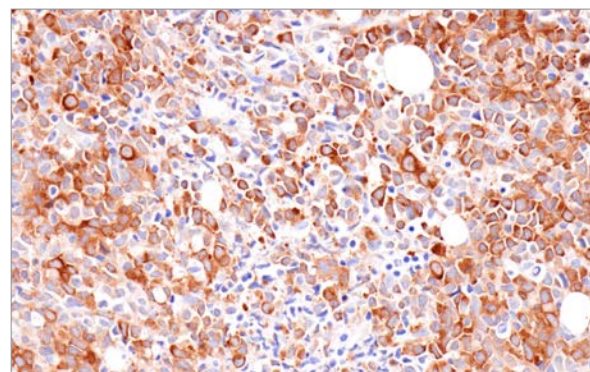
InTraSeq: A549 cells, serum-starved (ss) 293 cells (ss 293), ss 293 cells treated with Human Insulin-like Growth Factor I (hIGF-I) #8917 (100 nM, 15 min) (ss 293 + hIGF-I), ss HeLa cells, ss HeLa cells treated with Human Interferon-gamma (hIFN-γ) Recombinant Protein #80385 (100 ng/mL, 30 min) (ss HeLa + hIFN-γ), HeLa cells treated with Staurosporine #9953 (1 μM, 3 hr) (HeLa + Staurosporine), HeLa cells treated with TPA (12-O-Tetradecanoylphorbol-13-Acetate) #4174 (200 nM, 30 min) and Ionomycin, Calcium Salt #9995 (1 μM, 30 min) (HeLa + TPA + Ionomycin), Jurkat cells, Jurkat cells treated with Rapid-Act T Cell Activation Kit (Human, Anti-CD3/CD28) #88179 (15 min) (Jurkat + Anti-CD3/CD28), K-562 cells, Ramos cells, THP-1 cells, and THP-1 cells treated with TPA (12-O-Tetradecanoylphorbol-13-Acetate) #4174 (80 nM, 24 hr) and Lipopolysaccharides (LPS) #14011 (1 μg/mL, 1 hr) (THP-1 + TPA + LPS) were analyzed using the Seurat computational package following single cell analysis. The right FeaturePlot displays the Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (197G2) Rabbit Monoclonal Antibody (InTraSeq F' Conjugate 5023) #36075 expression.

NPM1 (C Mutant Specific) (E4A9G) Rabbit Monoclonal Antibody #24786

Aberrant Cytoplasmic Localization in AML

C-terminal mutations in the NPM1 gene, observed in approximately 30% of acute myeloid leukemia (AML) cases, are known to cause the aberrant cytoplasmic localization of the NPM1 protein (NPM1c)—which normally resides in the nucleolus—via the inactivation of its nuclear localization signal and the acquisition of a nuclear export signal. Frequently associated with other co-occurring mutations (e.g., FLT3, DNMT3A, TET2, and SF3B1), NPM1 mutations serve as crucial targets for AML diagnosis, prognosis, therapy, and post-treatment monitoring. #24786 is suitable for IHC-P, FC-FP, and ChIP using human and mouse samples. It has been confirmed to specifically detect endogenous NPM1c without cross-reacting with wild-type NPM1.

KEYWORDS: NPM1 C-terminal mutations, acute myeloid leukemia (AML), aberrant protein localization



IHC-P: IHC analysis of paraffin-embedded human acute myeloid leukemia using #24786.



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PRODUCT		APPLICATIONS	REACTIVITY
Cell Biology - Adhesion/Extracellular Matrix			
47821S	CD44 (E7K2Y) Feline Chimeric Monoclonal Antibody	IHC-P	H, M, R
47821T			
81437S	CD44 (E7K2Y) Mouse Chimeric Monoclonal Antibody	IHC-P	H, M, R
81437T			
41873S	CD164 (F6E7D) Rabbit Monoclonal Antibody	WB, IP, IHC-P, FC-L	H, Mk
41873T			
96142S	COL1A1 (E8F4L) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IHC-P, IF-F	H, M, R, Mk
54265S	Fibronectin/FN1 (F5L7Y) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IF-F	M
85501S	Fibronectin/FN1 (F5L7Y) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IF-F	M
66503S	Fibronectin/FN1 (F7X7I) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	M, R
85150S	Integrin alpha-3 (Extracellular Domain) (F4E6Q) Rabbit Monoclonal Antibody	WB, IHC-P	H, M, R
85150T			
99826S	Integrin alpha-3 (Intracellular Domain) (F5I9R) Rabbit Monoclonal Antibody	WB, IP, IHC-P	H, M, R
99826T			
40723S	Integrin alpha-3 (Intracellular Domain) (F6M5T) Rabbit Monoclonal Antibody	WB, IP, IF-F, IF-IC, FC-FP	H, M, R
40723T			
28047S	MMP-13 (F1R2A) Rabbit Monoclonal Antibody	WB, IHC-P	H
28047T			
41071S	MXRA7 (F9C4Y) Rabbit Monoclonal Antibody	WB, IP, IHC-P, FC-FP	M, R
41071T			
59360C	PathScan® RP Osteopontin/SPP1 Sandwich ELISA Kit	ELISA+	H
33434S	Perlecan/HSPG2 (F1C1G) Rabbit Monoclonal Antibody	WB, IHC-P	H, M
33434T			
41173S	Surfactant Protein A (F8K7O) Rabbit Monoclonal Antibody	WB, IP, IHC-P	H
41173T			
77799S	TACSTD2/TROP2 (F5P2T) Feline Chimeric Monoclonal Antibody	IF-F	M, R
77799T			
25976S	Vinculin (E1E9V) Feline Chimeric Monoclonal Antibody	IHC-P	H, M, R, Mk
25976T			
42115S	Vinculin (E1E9V) Mouse Chimeric Monoclonal Antibody	IHC-P	H, M, R, Mk
42115T			
Cell Biology - Apoptosis			
38719S	Phospho-BCL2L13 (Ser261) (F7G9N) Rabbit Monoclonal Antibody	WB, IP	H, M, R
38719T			
79747SF	Cleaved Caspase-3 (Asp175) Antibody (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk, (B, Dg, Pg)
Cell Biology - Cell Cycle			
85089S	HEC1/NDC80 (F5I8D) Rabbit Monoclonal Antibody	WB, IP	H, M
85089T			
74893S	Ki-67 (D2H10) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IHC-P	H, Mk
45669S	NEK9 (F8D6Z) Rabbit Monoclonal Antibody	WB, IP, IHC-P	H, M, R
45669T			
Cell Biology - Cytoskeletal			
51834S	alpha-Smooth Muscle Actin (D4K9N) Feline Chimeric Monoclonal Antibody	IHC-P, IF-F	H, M, R, Hm, Mk
51834T			
61722S	alpha-Smooth Muscle Actin (D4K9N) Horse Chimeric Monoclonal Antibody	IF-F	H, M, R, Hm, Mk
61722T			
80350S	alpha-Smooth Muscle Actin (D4K9N) Mouse Chimeric Monoclonal Antibody	IHC-P	H, M, R, Hm, Mk
80350T			
Cell Biology - MAP kinase			
67351SF	K-Ras (E2M9G) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R, Mk
Cell Biology - Proteostasis			
53365S	FBXL12 (F4N7Y) Rabbit Monoclonal Antibody	WB, IP	H, R, (M)
53365T			
Cell Biology - Vesicle and Protein Trafficking			
56812S	CD163 (F2M7U) Rabbit Monoclonal Antibody	IF-F	M
56812T			



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PRODUCT		APPLICATIONS	REACTIVITY
Cell Biology - Vesicle and Protein Trafficking <i>(cont.)</i>			
44254S	LAMP1 (D2D11) Rabbit Monoclonal Antibody (Alexa Fluor® 594 Conjugate)	FC-FP	H, Mk
67052S	LAMP1 (D2D11) Rabbit Monoclonal Antibody (mFluor™ Violet 610 Conjugate)	FC-FP	H, Mk
98387S	LAMP2 (E6A6S) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	FC-FP	M
24786S	NPM1 (C Mutant Specific) (E4A9G) Rabbit Monoclonal Antibody	IHC-P, FC-FP, ChIP	H
24786T			
48200S	NPM1 (C Mutant Specific) Matched Antibody Pair	ELISA+	H
Complementary Ab - Isotype			
55897S	Rabbit (DA1E) Monoclonal Antibody IgG Isotype Control (PE-Cy®5.5 Conjugate)	FC-FP, FC-L	-
Complementary Ab - TAG			
10089S	HA-Tag (C29F4) Rabbit Monoclonal Antibody (mFluor™ Violet 610 Conjugate)	FC-FP	All
28669SF	T7-Tag (D9E1X) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, IF-IC, SEC	All
Developmental Biology - DIFFERENTIATION - Transcription Factor			
50999S	ID1 (F2M1J) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	FC-FP	H
70260S	PHOX2B (F5X9U) Rabbit Monoclonal Antibody	WB, IP, IHC-P	H, M, (R)
70260T			
44711S	SOX6 (F7Y4U) Rabbit Monoclonal Antibody	WB, IP	H, M, R
44711T			
Developmental Biology - HIPPO			
49230T	VGLL Antibody Sampler Kit	-	-
Developmental Biology - TGFβ/BMP			
38147P	Smad2/3 Mouse Monoclonal Antibody (L1D6) (Biotinylated)	ELISA+	H, M, R, Mk, Mi
95700P	Phospho-Smad2 (Ser465/467)/Smad3 (Ser423/425) (D27F4) Rabbit Monoclonal Antibody (Biotinylated)	ELISA+	H, M, R, Mk
Epigenetics - Chromatin Acylation and Phosphorylation			
71152S	ING5 (F7P1G) Rabbit Monoclonal Antibody	WB, ChIP	H, Mk
71152T			
Epigenetics - General Transcription Factors			
45744S	HMG20B (F2P1W) Rabbit Monoclonal Antibody	WB, IP	H, Mk
45744T			
73872S	Phospho-Rpb1 CTD (Ser5) (4H8) Mouse Monoclonal Antibody	WB, WB-S, IP, ChIP, ChIP-seq, C&R, C&T	H, M, R, Mk, (Hm, Dm, Sc)
73872T			
43649SF	Phospho-Rpb1 CTD (Ser5) (4H8) Mouse Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R, Mk, (Hm, Dm, Sc)
Epigenetics - Nuclear Structure			
25145S	NUPR1 (F8R7N) Rabbit Monoclonal Antibody	WB, IP	H
25145T			
Epigenetics - Translational Control			
70162S	Phospho-GRB7 (Ser361) (F6U9Z) Rabbit Monoclonal Antibody	WB	H, M, (R)
70162T			
Immunology - Adoptive Cell Therapy and Cancer Vaccines			
73821S	G4S Linker (E7O2V) Rabbit Monoclonal Antibody (PE-Cy®5.5 Conjugate)	FC-L	All
82804SF	P2A/T2A (3H4-3A5) Mouse Monoclonal Antibody (BSA and Azide Free)	WB, IF-IC, FC-FP	All
68110S	Whitlow/218 Linker (E3U7Q) Rabbit Monoclonal Antibody (PE-Cy®5.5 Conjugate)	FC-L	All
Immunology - Autoimmunity and Inflammation			
92765S	Phospho-p47phox (Ser328) (F8E9C) Rabbit Monoclonal Antibody	WB, FC-FP	H, (M, R, Hm, Pg, Hr, F, GP)
92765T			
Immunology - Cell Autonomous Innate Immunity			
10872S	IFITM2 (F2H31) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	FC-FP	M, R
98242S	IFITM2 (F2H31) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	FC-FP	M, R
54784SF	STING (D1V5L) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R
17954SF	Phospho-STING (Ser365) (D8F4W) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	M
Immunology - Immune Checkpoints and Ligands			
72277S	LAG3 (D2G4O) Feline Chimeric Monoclonal Antibody	IHC-P	H
72277T			
46604SF	PVR/CD155 (D3G7H) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	H, Mk



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PRODUCT		APPLICATIONS	REACTIVITY
Immunology - Lymphocyte Signaling			
95632S	DAP10 (F9F8L) Rabbit Monoclonal Antibody	WB, IP	H, M, R
95632T			
Immunology - NFkappaB Signaling			
94015S	NF-kappaB2 p100/p52 (F5R2C) Rabbit Monoclonal Antibody	WB, IP, IHC-P	M
94015T			
Immunology - Phenotyping and Functional Markers			
44820S	CD4 (F6R7K) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IF-F	M, R
20230S	CD14 (D7A2T) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IHC-P	H, Mk
68968S	CD14 (D7A2T) Feline Chimeric Monoclonal Antibody	IHC-P	H, Mk
68968T			
53962S	CD14 (D7A2T) Mouse Chimeric Monoclonal Antibody	IHC-P	H, Mk
53962T			
26393S	CD34 (F8T5S) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P, FC-FP	H, M, R, (Hm, Rab)
44845S	CD34 (F8T5S) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P, FC-FP	H, M, R, (Hm, Rab)
57930S	CD34 (F8T5S) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IHC-P, FC-FP	H, M, R, (Hm, Rab)
87165S	CD34 (F8T5S) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IHC-P, FC-FP	H, M, R, (Hm, Rab)
72442S	CD34 (F8T5S) Feline Chimeric Monoclonal Antibody	IHC-P	H, M, R, (Hm, Rab)
72442T			
99535S	CD62L/L-Selectin (E8D9E) Rabbit Monoclonal Antibody	IF-F	M
99535T			
30637S	CD86 (E5W6H) Feline Chimeric Monoclonal Antibody	IHC-P	M
30637T			
97739S	Eosinophil peroxidase (F3C2H) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	H, M, R
76732S	Eosinophil peroxidase (F3C2H) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P	H, M, R
96972S	Eosinophil peroxidase (F3C2H) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IHC-P	H, M, R
94124S	Fc-epsilon R1A (F6S1O) Rabbit Monoclonal Antibody	WB, IP, IHC-P	H
94124T			
96154S	Fc-gamma RIIB (D8F9C) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	FC-FP	M
29215S	FMC63 scFv (F2Q8G) Rabbit Monoclonal Antibody (Biotinylated)	FC-FP, FC-L	All
38059S	Ly-6G (E6Z1T) Feline Chimeric Monoclonal Antibody	IHC-P	M
38059T			
69263SF	LYVE-1 (F7W7U) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, IHC-P	H
17692S	MHC Class I (E8E7N) Feline Chimeric Monoclonal Antibody	IHC-P	H, M
17692T			
29932S	Neutrophil Elastase (E8U3X) Feline Chimeric Monoclonal Antibody	IHC-P	M
29932T			
85823S	TCF1/TCF7 (E6O1K) Feline Chimeric Monoclonal Antibody	IF-F	H, M, R
85823T			
39387S	TCF1/TCF7 (E6O1K) Horse Chimeric Monoclonal Antibody	IF-F	H, M, R
39387T			
45497S	TCF1/TCF7 (C63D9) Rabbit Monoclonal Antibody (PE-Cy®5.5 Conjugate)	FC-FP	H, M
60335S	Tryptase (E7M2U) Feline Chimeric Monoclonal Antibody	IHC-P	H, M
60335T			
83743S	Tryptase (E7M2U) Mouse Chimeric Monoclonal Antibody	IHC-P	H, M
83743T			
Immunology - Transcription Factors (Hematopoiesis and Leukemogenesis)			
66891S	BACH2 (E3N3K) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	FC-FP	H, M
67701S	BACH2 (E3N3K) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	FC-FP	H, M
96371S	BCL6 (E5I8I) Feline Chimeric Monoclonal Antibody	IHC-P	H
96371T			
42597S	BCL6 (E5I8I) Mouse Chimeric Monoclonal Antibody	IHC-P	H
42597T			
Immunology - Tumor Microenvironment			
34449S	IDO (D5J4E) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P	H
Infectious Diseases - Virus			
59216S	SFB p3340 (F4F1L) Rabbit Monoclonal Antibody	WB	-
59216T			



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PRODUCT		APPLICATIONS	REACTIVITY
Metabolism - Biochemical Metabolism and Signaling - Insulin & Glucose			
99918S	IRS4 (F2Z2A) Rabbit Monoclonal Antibody	WB, IP	H
99918T			
Metabolism - Biochemical Metabolism and Signaling - Lipids			
55858S	PHLDA2 (F9D1V) Rabbit Monoclonal Antibody	WB, IP	H
55858T			
Metabolism - Biochemical Metabolism and Signaling - Nucleotides			
38879S	MGEA5/OGA (F7W3E) Rabbit Monoclonal Antibody	WB, IP, IHC-P, IF-F, IF-IC	H, M, R
38879T			
80861S	Na,K-ATPase alpha1 (D4Y7E) Feline Chimeric Monoclonal Antibody	IHC-P	H, Mk
80861T			
77402S	Na,K-ATPase alpha1 (D4Y7E) Mouse Chimeric Monoclonal Antibody	IHC-P	H, Mk
77402T			
Metabolism - REDOX/Energy Metabolism			
47149S	SLC30A9/ZnT-9 (F6E2O) Rabbit Monoclonal Antibody	WB, IP	H, M, R
47149T			
Motif - Motif			
47534SF	Phospho-Threonine/Tyrosine Antibody (BSA and Azide Free)	WB	All
Neuroscience - Alzheimer's disease			
76183S	beta-Amyloid (D54D2) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IF-F	H
89415P	ApoE2 (E6U9I) Rabbit Monoclonal Antibody (Biotinylated)	ELISA+	H
74446S	CD11b/ITGAM (E4K8C) Feline Chimeric Monoclonal Antibody	IHC-P	M
74446T			
48933S	CD11b/ITGAM (D6X1N) Feline Chimeric Monoclonal Antibody	IHC-P	H, Mk
48933T			
49773S	CD11b/ITGAM (D6X1N) Mouse Chimeric Monoclonal Antibody	IHC-P	H, Mk
49773T			
15903P	Tau 3R (F8P1G) Rabbit Monoclonal Antibody (Biotinylated)	ELISA+	H
Neuroscience - Circadian rhythm			
55915S	BHLHE41 (F2B7S) Rabbit Monoclonal Antibody	WB, IP, FC-FP	H
55915T			
33723S	BHLHE41 (F6U5Z) Rabbit Monoclonal Antibody	WB, IP, IHC-P, ChIP	H
33723T			
Neuroscience - Neural function (neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions)			
29040S	GFAP (E4L7M) Rabbit Monoclonal Antibody (Alexa Fluor® 750 Conjugate)	IHC-P, IF-F	H, M, R, Mk
Neuroscience - Neurodegeneration: Other			
70389S	DLK/MAP3K12 (F1K3V) Rabbit Monoclonal Antibody	WB, IP	H, M
70389T			
52516S	Progranulin (F4G7I) Rabbit Monoclonal Antibody	WB	M, R
52516T			
41730SF	Phospho-TDP43 (Ser409/Ser410) (F9S3F) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, IHC-P	H, M
Neuroscience - Post-synapse			
65112S	SynGAP Quantitative Control	ELISA+	-
Neuroscience - Pre-synapse & transmitters			
50963S	Munc13-1/UNC13A (F2Z2I) Rabbit Monoclonal Antibody	WB, IP	H, M, R
50963T			
75273C	PathScan® RP Munc13-1/UNC13A Sandwich ELISA Kit	ELISA+	H, M, R
67506C	PathScan® RP Munc13-1/UNC13A (Cryptic Specific) Sandwich ELISA Kit	ELISA+	H
Neuroscience - Receptor signaling: GPCRs, ion channels, RTKs-Neuro, transporters (SLC & ABC)			
36752S	G-alpha(q) (F7D9X) Rabbit Monoclonal Antibody	WB, IHC-P	H, M, R
36752T			
Related Products - Related Products			
96928S	InTraSeq® F' Conjugate Antibody Cocktail 1	SCA-ITSF	H, M
24124S	Peptide Purification Spin Column	PTMScan	All

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