



New Products

JULY 2025

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

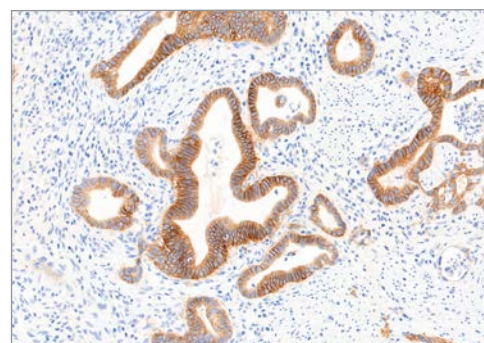
HOT PRODUCTS

FGF Receptor 2IIIb (FPR2-D) Mouse mAb #52742

A transmembrane tyrosine kinase receptor essential for regulating biological phenomena

The FGF receptor family has four members (FGFR1, 2, 3, and 4) with 56–71% sequence identity. FGFR2 includes FGFR2IIIc (isoform 1, also known as BEK) and FGFR2IIId (isoform 3, also known as FGFR2b). There are two major isoforms, FGFR2IIId and FGFR2IIIb, which are produced by splicing of the third immunoglobulin-like domain, which is essential for ligand binding. FGFR2IIIb is mainly detected in epithelial cells and is overexpressed in estrogen receptor-positive breast and gastric cancers. FGFR2IIId preferentially binds to its ligands FGF7, FGF10, and FGF22, and subsequently activates downstream signaling pathways, including PI3K/Akt and RAS-MAPK. Overexpression of FGFR2IIId promotes aberrant signaling, leading to tumor cell proliferation. #52742 is suitable for WB and IHC-P with human samples.

KEYWORDS: Cancer, Signal transduction, Epithelial cells



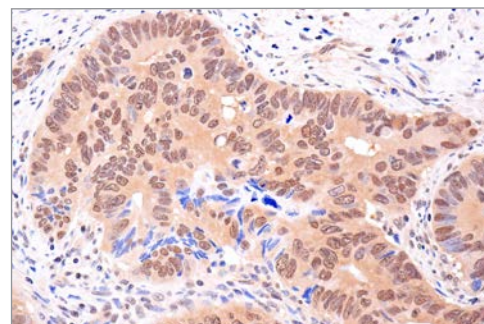
IHC-P: IHC analysis of paraffin-embedded human gastric adenocarcinoma using #52742 performed on the Leica BOND RX.

SHP-2 (F4V3P) Rabbit mAb #67019

An important signaling molecule involved in cancer and rare diseases

SHP-2 is a protein tyrosine phosphatase (PTP) encoded by the PTPN11 gene. It is involved in RAS-MAPK, PI3K/Akt, and Jak/Stat signaling pathways that control cell proliferation, differentiation, and survival, and also plays a role in embryonic development, immune response, cell motility, and adhesion. SHP-2 dysfunction has been reported to be upregulated or activated in solid tumors, and development of SHP-2 inhibitors is underway. Mutations in the PTPN11 gene have also been reported to be associated with Noonan syndrome and juvenile myelomonocytic leukemia (JMML). #67019 is suitable for WB, IP, and IHC-P using human, mouse, and rat samples.

KEYWORDS: Cancer, Signal Transduction, SHP-2 Inhibitors



IHC-P: IHC analysis of paraffin-embedded human colon adenocarcinoma using #67019.



PRODUCT		APPLICATIONS	REACTIVITY
Adhesion/Extracellular Matrix			
34462S	ADAM10 (F8D7P) Rabbit mAb	WB	H, M, R
34462T			
44550SF	Desmoplakin (F3J8Y) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC	H, M, R
28455S	EpCAM (D9S3P) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H, M, Mk
98582S	EpCAM (D9S3P) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, M, Mk
19394S	ICAM-5 (F6E2B) Rabbit mAb	WB	H, M, R
19394T			
88328S	ICAM-5 (F8V5B) Rabbit mAb	IHC-P	H, M
88328T			
28147S	Nectin-1/PVRL1 (F7J9O) Rabbit mAb	WB, IP	H, M
28147T			
66614S	Osteopontin/SPP1 (F3A6J) Rabbit mAb	WB, IF-IC	H
66614T			
Alzheimer's disease			
17519S	CR1/CD35 (E8B1Z) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
26996S	Phospho-Tau (Thr69) (F4H4F) Rabbit mAb	WB, IP	H, M, R
26996T			
38684S	Phospho-Tau (Thr231) Matched Antibody Pair	ELISA	H, M, R
Apoptosis			
23615SF	Cleaved Caspase-9 (Asp330) (E5Z7N) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H
57967C	PathScan® RP Mcl-1 Sandwich ELISA Kit	ELISA	H
12544SF	Puma (E2P7G) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M
Autoimmunity and Inflammation			
85045S	AIRE (F5F8X) Rabbit mAb	WB, IP	H
85045T			
Autophagy			
50845SF	Atg7 (F4V2N) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
93320C	PathScan® RP Phospho-ULK1 (Ser317) Sandwich ELISA Kit	ELISA	H, M
Biochemical Metabolism and Signaling			
82093SF	ATF-4 (D4B8) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
78244S	COL4A3BP (F6H3L) Rabbit mAb	WB, IF-IC	H, Mk
78244T			
66830SF	DHCR24/Seladin-1 (C59D8) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M
45756S	HPRT1 (F1O9R) Rabbit mAb	WB	H, M
45756T			
42816S	IGFBP2 (F3E6V) Rabbit mAb	WB, IHC-P	H, M, R
42816T			
27003S	LASS2 (F7G3B) Rabbit mAb	WB, IP	H, M, R, Mk
27003T			
46271S	OGG1 (E4R5L) Rabbit mAb	WB	H
46271T			
74495SF	Syndecan 1 (E7S6T) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP, FC-L	H
Cell Autonomous Innate Immunity			
32671S	GBP1 (F4Y1Y) Rabbit mAb	WB, IP, IF-IC, FC-FP	H
32671T			
Cell Cycle			
43021S	Ki-67 (D3B5) Feline Chimeric mAb	IF-F	H, M, R
43021T			
59700S	Ki-67 (D3B5) Horse Chimeric mAb	IF-F	H, M, R
59700T			
71098S	Ki-67 (D3B5) Mouse Chimeric mAb	IF-F	H, M, R
71098T			
93257SF	p16 INK4A (E6N8P) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H
64045SF	p27 Kip1 (SK53G8.5) Mouse mAb (BSA and Azide Free)	WB, IF-IC	H, M, R, Mk
67545SF	Phospho-Rb (Thr821) (E6J1L) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
Chromatin Methylation and Ubiquitylation			
94456T	HP1 Family Antibody Sampler Kit	-	-



PRODUCT		APPLICATIONS	REACTIVITY
Cytoskeletal			
53142SF	Merlin/Ezrin/Radixin/Moesin (D1P8I) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R, Mk
72789SF	Phospho-Myosin Light Chain 2 (Thr18/Ser19) (E2J8F) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
DIFFERENTIATION - Transcription Factor			
57480SF	DLX1 (E4T1I) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
38775SF	FoxA2/HNF3 β (D56D6) XP [®] Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
94277S	INSM1 (F7P8K) Rabbit mAb	WB	H
94277T			
61055S	Phospho-IRF-6 (Ser424) (F1W9A) Rabbit mAb	WB	H, M
61055T			
65896SF	MIST1/bHLHa15 (D7N4B) XP [®] Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, (R)
65084SF	Sox10 (D5V9L) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H
84485SF	TWIST1 (E5G9Y) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M
DNA Damage/Senescence			
49916S	Total p53 Matched Antibody Pair	ELISA	H
71823C	PathScan [®] RP Rad51 Sandwich ELISA Kit	ELISA	H, M, R, Mk
Growth factors & Cytokines			
83157SF	FAM3C (D1S2D) XP [®] Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H
Immune Checkpoints and Ligands			
84617SF	FGL1 (E8V9Q) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H
85684S	VISTA (D1L2G [™]) XP [®] Rabbit mAb (Alexa Fluor [®] 488 Conjugate)	IHC-P	H, Mk
36651S	VISTA (D1L2G [™]) XP [®] Rabbit mAb (Alexa Fluor [®] 647 Conjugate)	IHC-P	H, Mk
Inflammasome			
96134S	ASC/TMS1 (D2W8U) Feline Chimeric mAb	IF-F	M
96134T			
19156S	ASC/TMS1 (D2W8U) Horse Chimeric mAb	IF-F	M
19156T			
40002S	ASC/TMS1 (D2W8U) Mouse Chimeric mAb	IF-F	M
40002T			
19485SF	Gasdermin E (E2X7E) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H
76147S	Cleaved-IL-18 (Asp36) (F9I1L) Rabbit mAb	WB	H
76147T			
Neural function (neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions)			
97607S	CaMKI- α (F1M8F) Rabbit mAb	WB, IP	H, M, R
97607T			
36166S	CNPase (D83E10) XP [®] Feline Chimeric mAb	IF-F	H, M, R
36166T			
41403S	CNPase (D83E10) XP [®] Horse Chimeric mAb	IF-F	H, M, R
41403T			
45964S	CNPase (D83E10) XP [®] Mouse Chimeric mAb	IF-F	H, M, R
45964T			
72076S	GFAP (E4L7M) XP [®] Feline Chimeric mAb	IF-F	H, M, R, Mk
72076T			
53432S	GFAP (E4L7M) XP [®] Horse Chimeric mAb	IF-F	H, M, R, Mk
53432T			
72673S	GFAP (E4L7M) XP [®] Mouse Chimeric mAb	IF-F	H, M, R, Mk
72673T			
42918S	Kir4.1 (F3O7C) Rabbit mAb	WB, IF-F	M, R
42918T			
55633S	Kir4.1 (F5Z2T) Rabbit mAb	WB, IHC-P	M, R
55633T			
20616S	MAP2 (D5G1) XP [®] Feline Chimeric mAb	IF-F	M, R, (H)
20616T			
36301S	MAP2 (D5G1) XP [®] Horse Chimeric mAb	IF-F	M, R, (H)
36301T			
48780S	MAP2 (D5G1) XP [®] Mouse Chimeric mAb	IF-F	M, R, (H)
48780T			
75286S	Myelin Basic Protein (D8X4Q) XP [®] Feline Chimeric mAb	IF-F	H, R, M
75286T			



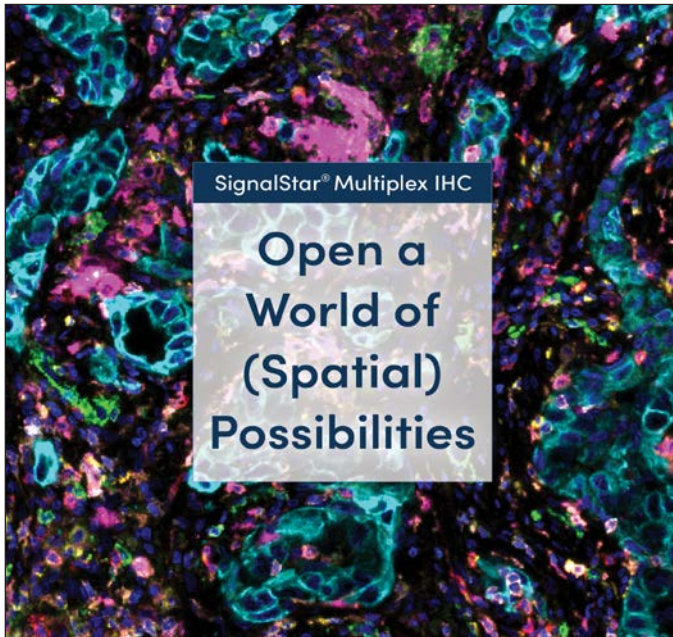
PRODUCT		APPLICATIONS	REACTIVITY
Neural function (neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions) (cont.)			
27429S	Myelin Basic Protein (D8X4Q) XP® Horse Chimeric mAb	IF-F	H, M, R
27429T			
38521S	Myelin Basic Protein (D8X4Q) XP® Mouse Chimeric mAb	IF-F	H, M, R
38521T			
41048S	NeuN (D4G4O) XP® Feline Chimeric mAb	IF-F	H, M, R, Mk
41048T			
80974S	NeuN (D4G4O) XP® Mouse Chimeric mAb	IF-F	H, M, R, Mk
80974T			
27211S	Phospho-Neurofilament-H Motif [(A/V)KsP(V/A/E)] (F7G5E) Rabbit mAb	WB, IP, IF-F	H, M, R
27211T			
88308S	Neurofilament-L (C28E10) Feline Chimeric mAb	IF-F	H, M, R
88308T			
31220S	Neurofilament-L (C28E10) Horse Chimeric mAb	IF-F	H, M, R
31220T			
57446S	Neurofilament-L (C28E10) Mouse Chimeric mAb	IF-F	H, M, R
57446T			
90646S	Olig2 (E6G6Q) XP® Feline Chimeric mAb	IF-F	H, M, R
90646T			
57100S	Olig2 (E6G6Q) XP® Horse Chimeric mAb	IF-F	H, M, R
57100T			
53140S	Parvalbumin (E8N2U) XP® Feline Chimeric mAb	IF-F	H, M, R
53140T			
64370S	Parvalbumin (E8N2U) XP® Horse Chimeric mAb	IF-F	H, M, R
64370T			
75914S	Parvalbumin (E8N2U) XP® Mouse Chimeric mAb	IF-F	H, M, R
75914T			
40165S	PPP1R17 (F3O5C) Rabbit mAb	WB, IP, IHC-P, IF-F	M, R
40165T			
Neurodegeneration: Other			
49727S	HEXB (E9X5S) Feline Chimeric mAb	IF-F	M, R
49727T			
68894S	HEXB (E9X5S) Horse Chimeric mAb	IF-F	M, R
68894T			
87218S	HEXB (E9X5S) Mouse Chimeric mAb	IF-F	M, R
87218T			
87276S	Iba1/AIF-1 (E4O4W) XP® Feline Chimeric mAb	IF-F	H, M, R, Hm, Mk
87276T			
23757S	Iba1/AIF-1 (E4O4W) XP® Horse Chimeric mAb	IF-F	H, M, R, Hm, Mk
23757T			
58410S	Iba1/AIF-1 (E4O4W) XP® Mouse Chimeric mAb	IF-F	H, M, R, Hm, Mk
58410T			
NOTCH			
75404S	DLK1 (F7T2D) Rabbit mAb	WB, IP	H, M
75404T			
Nuclear Receptors			
39776SF	PGRMC1 (D6M5M) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk
Parkinson's disease			
69079S	Tyrosine Hydroxylase (E2L6M) Feline Chimeric mAb	IF-F	H, M, R
69079T			
90818S	Tyrosine Hydroxylase (E2L6M) Horse Chimeric mAb	IF-F	H, M, R
90818T			
29085S	Tyrosine Hydroxylase (E2L6M) Mouse Chimeric mAb	IF-F	H, M, R
29085T			
Phenotyping and Functional Markers			
26965S	CD133 (D2V8Q) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
84072S	CD133 (D2V8Q) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
77698SF	Eosinophil cationic protein (F3G7N) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	M
28408S	MHC Class I (E8E7N) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H, M



PRODUCT		APPLICATIONS	REACTIVITY
Phenotyping and Functional Markers <i>(cont.)</i>			
64995S	MHC Class I (E8E7N) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, M
72742S	ZBTB46 (F6Z3F) Rabbit mAb	WB, IP, FC-FP	H
72742T			
PI3K/Akt/mTOR Signaling			
17234SF	Gab1 (E8U1S) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H
67019S	SHP-2 (F4V3P) Rabbit mAb	WB, IP, IHC-P	H, M, R
67019T			
Post-synapse			
90708S	PSD95 (D27E11) XP® Feline Chimeric mAb	IF-F	H, M, R
90708T			
19622S	PSD95 (D27E11) XP® Horse Chimeric mAb	IF-F	H, M, R
19622T			
31225S	PSD95 (D27E11) XP® Mouse Chimeric mAb	IF-F	H, M, R
31225T			
Pre-synapse & transmitters			
77865SF	Ghrelin (D4K1W) Rabbit mAb (BSA and Azide Free)	IF-F	M, R
Proteostasis			
17012S	SLPI (F6Z7H) Rabbit mAb	WB	H
17012T			
18040SF	UFL1 (F5P6L) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
REDOX/Energy Metabolism			
89844S	ATAD3A (F6S8N) Rabbit mAb	WB, IHC-P	H
89844T			
28001S	xCT/SLC7A11 (F4B2U) Rabbit mAb	WB, IP	M, R
28001T			
RNA Modifications (Editing, Methylation, PseudoU, Other)			
41358SF	METTL14 (E2G9A) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk
RNA Stability & Decay			
98566S	SMG7 (F9W1J) Rabbit mAb	WB, IP	H, M, R, Mk
98566T			
RTK-Cell Biology			
52742S	FGF Receptor 2IIIb (FPR2-D) Mouse mAb	WB, IHC-Bond, IHC-P	H
52742T			
TAG			
33974S	DYKDDDDK Tag (D6W5B) Rabbit mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody) (Alexa Fluor® 532 Conjugate)	FC-FP	All
37481SF	TdTomato (E3G5L) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	All
TGFB/BMP			
31925SF	CD109 (E8L2W) Rabbit mAb (BSA and Azide Free)	WB, FC-L	H
Toll-Like and C-Type Lectin Receptors			
56077S	Phospho-IRAK4 (Thr345/Ser346) (F7B4D) Rabbit mAb	WB	H, M, (R)
56077T			
Translational Control			
64468S	RPS4Y1 (F7V5G) Rabbit mAb	WB	H
64468T			
Tumor Microenvironment			
99613S	SELENBP1 (F7V8F) Rabbit mAb	WB	H, M, R, (Rab)
99613T			
Others			
33449S	FluoroClear Blocking Buffer	FC-FP	-
Vesicle and Protein Trafficking			
98694SF	Dab2 (D7O9T) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
42627SF	Rab1A (D3X9S) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
63722SF	Rab6 (D37C7) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R, (Mk)
WNT			
93174SF	DKK1 (F1D4I) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H



What's New at CST

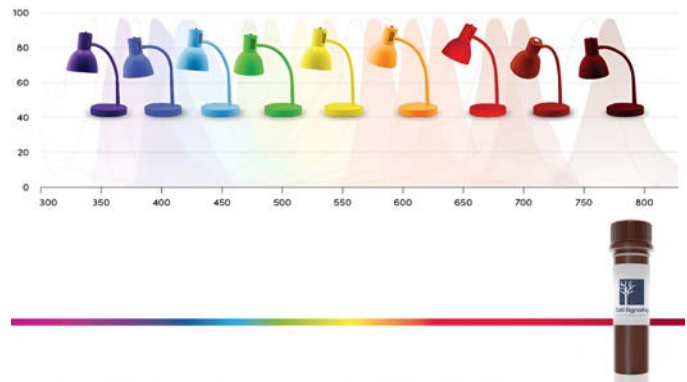


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