

New Products from CST®: October 2025

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

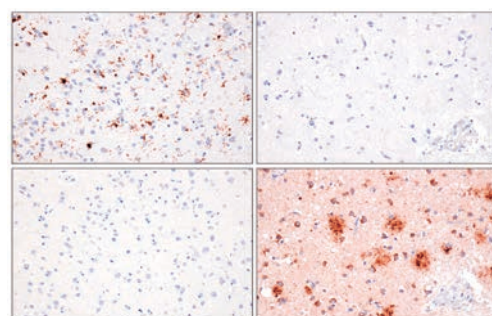
Cleaved TMEM106B (Ser120)(F9W6O) Rabbit mAb #87145

TMEM106B Forms Amyloid Fibrils

TMEM106B, a type II transmembrane protein, is a lysosomal/late endosomal protein and a genetic modifier of several neurodegenerative diseases and general aging. A fragment consisting of residues 120–254 of TMEM106B forms filaments in the brain in an age-dependent manner, suggesting its involvement in the pathogenesis and progression of several neurodegenerative diseases.

#87145 is suitable for WB and IHC-P using human samples.

KEYWORDS: neurodegenerative disease, amyloid, lysosome/late endosome



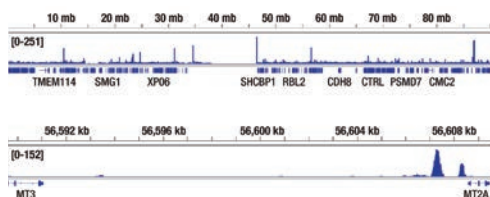
IHC-P: IHC analysis of paraffin-embedded human Pick's disease brain (left) and Alzheimer's brain (right) using #87145 (top) or TMEM106B (E7H7Z) Rabbit mAb #93334 (bottom).

Phospho-Glucocorticoid Receptor (Ser211) (F7L7X) Rabbit mAb #32183

Master Regulator of Cellular Homeostasis

Glucocorticoid hormones regulate cell proliferation, inflammation, and metabolism through binding to the glucocorticoid receptor (GR)/NR3C1, a member of the nuclear hormone receptor superfamily of transcription factors. Upon hormone binding, GR is released from the chaperone complex and translocates to the nucleus as a dimer. There, it associates with specific DNA sequences called glucocorticoid response elements (GREs), thereby promoting or suppressing the transcription of specific target genes. Phosphorylation of Ser211 in particular has been reported to enhance transcriptional activation, promote nuclear translocation and retention, and enhance interaction with cofactors. #32183 is suitable for WB, IP, IF-IC, FC-FP, ChIP, and ChIP-seq using human, mouse, and rat samples.

KEYWORDS: Cancer, Inflammation



ChIP-Seq: Chromatin immunoprecipitations were performed with cross-linked chromatin from A549 cells cultured in phenol red-free MEM/charcoal-stripped FBS for 3 d, then treated with Dexamethasone #14776 (100 nM, 1 hr) and #32183, using SimpleChIP® Plus Enzymatic Chromatin IP Kit (Magnetic Beads) #9005. DNA Library was prepared using DNA Library Prep Kit for Illumina Systems (ChIP-seq, CUT&RUN) #56795. The figures show binding across chromosome 16 (upper), including MT2A (lower), a known target gene of Phospho-Glucocorticoid Receptor.



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PRODUCT	APPLICATIONS	REACTIVITY
Adhesion/Extracellular Matrix		
58103SF N-Cadherin (13A9) Mouse mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk
80948S CCN3 (F113E) Rabbit mAb	WB	H, R
80948T		
85758S CD162/PSGL-1 (F8D5X) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-L	H
63871S Integrin β6 (E4M9P) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H
63615S Integrin β6 (E4M9P) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
32883C PathScan® RP Metavinculin Sandwich ELISA Kit	ELISA	H
76780S Thy1/CD90 (D3V8A) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H, M, R
60787S VE-Cadherin (F4K3Y) Rabbit mAb	WB, IP, IHC-P, IF-F, IF-IC	M
60787T		
69721S YKL-40 (E2L1M) Rabbit mAb	IP, IF-F	M
69721T		
Adoptive Cell Therapy and Cancer Vaccines		
42346S CCR4 (F9A9K) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
60225S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 750 Conjugate)	FC-L	All
Alzheimer's disease		
70279S β-Amyloid (D3D2N) Mouse mAb (Alexa Fluor® 647 Conjugate)	IHC-P, IF-F	H
31890S AQP4x (F5G6K) Rabbit mAb	WB, IP, IF-F	M, R
31890T		
Apoptosis		
82971S Phospho-BCL2L13 (Ser261) Antibody	WB	H, M, R
82971T		
43258SF Cleaved Caspase-7 (Asp198) (D6H1) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
Autoimmunity and Inflammation		
88034S ADAM8 (F3G9R) Rabbit mAb	WB	H
88034T		
19582S TSLPR/CRLF2 (F3K9G) Rabbit mAb	WB, IP, FC-FP, FC-L	H
19582T		
Autophagy		
25636SF LC3A (D50G8) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R, (Mk, Dg)
26461S RUBCNL (F3S8R) Rabbit mAb	WB, IP, IF-IC	H
26461T		
Biochemical Metabolism and Signaling		
27469S DGAT1 (F7A3Z) Rabbit mAb	WB, IF-IC	H
27469T		
33388SF IGF-II Receptor/CI-M6PR (D3V8C) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R, Mk
59283SF LSR (D3E3N) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, Mk
80383S MDH1 (F5D2N) Rabbit mAb	WB	H, M, R
80383T		
91025S Miro2 (F3N5C) Rabbit mAb	WB, IP	H, M, R
91025T		
65237S TSPAN8 (F8Z7B) Rabbit mAb	WB, IF-IC	H
65237T		
Ca, cAMP & Lipid Signaling		
24343S Annexin V (E3W8V) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-FP	H, M, R, (Pg)
Chromatin Acylation and Phosphorylation		
68436S BRD1 (F8X6N) Rabbit mAb	WB, ChIP	H
68436T		
37689SF BRD4 Isoform C (E1Q9N) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, ELISA	H, M, R, Mk
Cytoskeletal		
55901SF Cofilin (D3F9) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-IC, ELISA	H, M, R, Mk, Dg
61305S Phospho-Cofilin (Ser3) Matched Antibody Pair	ELISA	H, M
55883T Villin-1 (CWWB1) Mouse mAb	IHC-Bond, IHC-P, IF-IC	H
DIFFERENTIATION - Transcription Factor		
43033S ARID3A (FIG2E) Rabbit mAb	WB, IP, ChIP	H
43033T		
59827SF ELF3 (F6Z8R) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
59418S NeuroD1 (F8C3U) Rabbit mAb	WB, IP, IHC-P	H, M, R
59418T		



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PRODUCT		APPLICATIONS	REACTIVITY
DIFFERENTIATION - Transcription Factor <i>(cont.)</i>			
23192T	Thyroid Transcription Factor 1 (TTF-1) (SPT24) Mouse mAb	IHC-Bond, IHC-P	H
68310T	TRPS1 (ZR382) Rabbit mAb	IHC-P	H
DNA Damage/Senesence			
48949S	Cas9 (S. pyogenes) (E7M1H) XP® Feline Chimeric mAb	IF-IC	All
48949T			
69341S	Cas9 (S. pyogenes) (E7M1H) XP® Horse Chimeric mAb	IF-IC	All
69341T			
39011S	Cas9 (S. pyogenes) (E7M1H) XP® Mouse Chimeric mAb	IF-IC	All
39011T			
47500S	LRRC31 (F717Z) Rabbit mAb	WB	H
47500T			
General Transcription Factors			
17877S	INTS6 (F1S8S) Rabbit mAb	WB, IP	H, M, R
17877T			
Histones and Histone Modifications			
79653S	Phospho-Histone H3 (Ser10) (D2C8) XP® Rabbit mAb (Alexa Fluor® 350 Conjugate)	FC-FP	H, M, R, Mk, Z
32491S	Phospho-Histone H3 (Ser10) (D2C8) XP® Rabbit mAb (iFluor® 594 Conjugate)	FC-FP	H, M, R, Mk, Z
95925S	Mono-Methyl-Histone H3 (Arg26) (F6P2B) Rabbit mAb	WB	H, M, R, Mk
95925T			
Immune Checkpoints and Ligands			
30389S	CD200 (E5I9V) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
18794S	CD272/BTLA (F2UIF) Rabbit mAb	WB	H
18794T			
48338S	PD-1 (NAT105) Mouse mAb	FC-L	H
48338T			
Jak/Stat Signaling			
33615S	Phospho-Stat5 (Tyr694) (C11C5) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-FP	H, M, (R, Mk, B)
Lymphocyte Signaling			
70559SF	CD9 (E3O1B) Rabbit mAb (BSA and Azide Free)	WB, FC-L	H
MAP kinase			
32347S	Phospho-FRS2-α (Tyr196) (F3O8E) Rabbit mAb	WB	H, M, (R)
32347T			
68217C	PathScan® RP Phospho-c-Jun (Ser63) Sandwich ELISA Kit	ELISA	H, M
Neural function (neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions)			
25959S	Aspartoacylase (F8X9Z) Rabbit mAb	WB	H, M, R
25959T			
23511S	Aspartoacylase (F8X9Z) Rabbit mAb (IHC/IF Formulated)	IHC-P, IF-F	H, M
23511T			
49352SF	Calbindin (C26D12) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
52141S	MAP2A/MAP2B (F5H5D) Rabbit mAb	WB, IHC-P, IF-F	M
52141T			
35676SF	Olig1 (E3T6D) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F	M, R
68584SF	Olig2 (F9R1H) Mouse mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
55553S	β3-Tubulin (D65A4) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, M, R
Neurodegeneration: Other			
82669S	TMEM106B (F5O8F) Rabbit mAb	WB, IHC-P	H
82669T			
87145S	Cleaved TMEM106B (Ser120) (F9W6O) Rabbit mAb	WB, IHC-P	H
87145T			
28725S	HDGF2 (Cryptic Specific) Antibody	WB, IP	H
73232S	Huntingtin (F8E9N) Rabbit mAb	WB, IP, IHC-P, IF-F, IF-IC	H, M, R
73232T			
58445S	Huntingtin (F9P1H) Mouse mAb	WB, IP, IF-F, IF-IC	H, M, R
58445T			
NFκappaB Signaling			
41610S	LITAF (F3W1P) Rabbit mAb	WB, IP	H, M
41610T			
20866S	LITAF (F6B7I) Rabbit mAb	WB, IP	H
20866T			



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PRODUCT		APPLICATIONS	REACTIVITY
Nuclear Receptors			
32183S	Phospho-Glucocorticoid Receptor (Ser211) (F7L7X) Rabbit mAb	WB, IP, IF-IC, FC-FP, ChIP, ChIP-seq	H, M, R
32183T			
Parkinson's disease			
26685C	PathScan® α -Synuclein Sandwich ELISA Kit	ELISA	H
Phenotyping and Functional Markers			
72741S	CD3 ϵ (D4V8L) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	M
83580S	Phospho-CD79B (Tyr207) (F1L6E) Rabbit mAb	WB, IP, IF-IC, FC-FP	H
83580T			
95298S	CD205/DEC-205 (F8Q9S) Rabbit mAb	WB, IHC-P	H, M
95298T			
72847S	NKG7 (F4V5I) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
84571S	NKG7 (F4V5I) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
PI3K/Akt/mTOR Signaling			
87807SF	Akt3 (E1Z3W) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
10285SF	Phospho-Akt (Ser473) (736E1I) Rabbit mAb (BSA and Azide Free)	IHC-P	H, M, (R)
37290SF	FoxO3a (D7D3Y) Mouse mAb (BSA and Azide Free)	WB, IF-IC, ELISA	H, M, Mk
75661S	FoxO3a Matched Antibody Pair	ELISA	H, M, Mk
33229SF	p70 S6 Kinase (E8K6T) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC	H, M, R, Mk
Pre-synapse & transmitters			
58363S	Synaptojanin-2 (F7C1M) Rabbit mAb	WB	H
58363T			
Proteostasis			
67399S	HSP70 (F2E4X) Rabbit mAb	WB, IHC-P	H, M, R, Mk
67399T			
39665S	TMPRSS2 (F5I6U) Rabbit mAb	WB, IHC-P, IF-IC	H
39665T			
Receptor signaling: GPCRs, ion channels, RTKs-Neuro, transporters (SLC & ABC)			
92669S	CD97 (F2F1F) Rabbit mAb	WB, IF-IC	H
92669T			
51150S	EMR2 (F7F6M) Rabbit mAb	WB, IHC-P	H
51150T			
90470S	HCAR2/GPR109A (F6D3M) Rabbit mAb	WB	H
90470T			
REDOX/Energy Metabolism			
82292SF	TOM70 (E7E1M) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
RNA Processing			
50402S	DDX1 (F5C8A) Rabbit mAb	WB	H, M, R, Mk
50402T			
47099S	DNA-RNA Hybrid (S9.6) Mouse mAb	FUNC	All
47099T			
85561S	EBNA1-binding protein 2 (F3W6K) Rabbit mAb	WB	H, M, R
85561T			
RNA Splicing, Capping, Polyadenylation			
41169S	SF3A1 (F8X7A) Rabbit mAb	WB, IP	H, M, R, Mk
41169T			
88400S	SFPQ (F7S2Q) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
88400T			
10490S	SFPQ (F5I3D) Mouse mAb	WB, IF-IC	H, M, R, Mk
10490T			
20888S	TIA-1 (F3C8T) Rabbit mAb	WB, IP, IF-IC	M
20888T			
RTK-Cell Biology			
91392SF	ALK (D5F3®) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP, ELISA	H
20485S	Total ALK Matched Antibody Pair	ELISA	H
64289S	Phospho-DDR1 (Tyr792) (F5M8E) Rabbit mAb	WB, IP	H, (M, R)
64289T			
64642S	EGF Receptor (D38B1) XP® Rabbit mAb (Alexa Fluor® 700 Conjugate)	FC-FP	H, M, Mk
85486S	LIFR (F7P6F) Rabbit mAb	WB, IP	H, M, R
85486T			



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	PRODUCT	APPLICATIONS	REACTIVITY
TAG			
74484S	DYKDDDDK Tag (D6W5B) Feline Chimeric mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody)	IF-IC	All
74484T			
92374S	DYKDDDDK Tag (D6W5B) Horse Chimeric mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody)	IF-IC	All
92374T			
17178S	DYKDDDDK Tag (D6W5B) Mouse Chimeric mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody)	IF-IC	All
17178T			
67118P	GST-Tag (91G1) Rabbit mAb (trFluor™ Europium Cryptate Conjugate)	E-P	All
90845S	HA-Tag (C29F4) Feline Chimeric mAb	IF-IC	All
90845T			
28279S	HA-Tag (C29F4) Horse Chimeric mAb	IF-IC	All
28279T			
45688S	HA-Tag (C29F4) Mouse Chimeric mAb	IF-IC	All
45688T			
93470S	His-Tag (D3110) XP® Feline Chimeric mAbv	IF-IC	All
93470T			
25715S	His-Tag (D3110) XP® Horse Chimeric mAb	IF-IC	All
25715T			
45793S	His-Tag (D3110) XP® Mouse Chimeric mAb	IF-IC	All
45793T			
59948S	mCherry (E5D8F) Feline Chimeric mAb	IF-F, IF-IC	All
59948T			
99913S	mCherry (E5D8F) Mouse Chimeric mAb	IF-F, IF-IC	All
99913T			
93510P	Myc-Tag (9B11) Mouse mAb (trFluor™ Europium Cryptate Conjugate)	E-P	All
30868S	Myc-Tag (71D10) Mouse Chimeric mAb	IF-IC	All
30868T			
55970P	S-Tag (D2K2V) XP® Rabbit mAb (trFluor™ Europium Cryptate Conjugate)	E-P	All
77612S	S-Tag (D2K2V) XP® Feline Chimeric mAb	IF-IC	All
77612T			
43814S	S-Tag (D2K2V) XP® Horse Chimeric mAb	IF-IC	All
43814T			
59352S	S-Tag (D2K2V) XP® Mouse Chimeric mAb	IF-IC	All
59352T			
70789S	T7-Tag (D9E1X) XP® Feline Chimeric mAb	IF-IC	All
70789T			
79601S	T7-Tag (D9E1X) XP® Horse Chimeric mAb	IF-IC	All
79601T			
99919S	T7-Tag (D9E1X) XP® Mouse Chimeric mAb	IF-IC	All
99919T			
20474S	VSV-G Tag (E8S5G) Feline Chimeric mAb	IF-IC	All
20474T			
46079S	VSV-G Tag (E8S5G) Horse Chimeric mAb	IF-IC	All
46079T			
83330S	VSV-G Tag (E8S5G) Mouse Chimeric mAb	IF-IC	All
83330T			
Tumor Microenvironment			
35981S	CT45 (F7S21) Rabbit mAb	WB, IP, IHC-P, FC-FP	H
35981T			
75458S	TAP2 (E8G51) Rabbit mAb (IHC Formulated)	IHC-P	H
75458T			
Vesicle and Protein Trafficking			
43174S	PhosphoPlus® NPM1 (Thr199) Antibody Duet	WB, WB-S, IHC-P IF-F, IF-IC	-
93122C	PathScan® RP Phospho-NPM1 (Thr199) Sandwich ELISA Kit	ELISA	H, M, R, Mk
Others			
16812S	Bavdegalutamide (ARV-110)	-	-
82759S	E7820	-	-

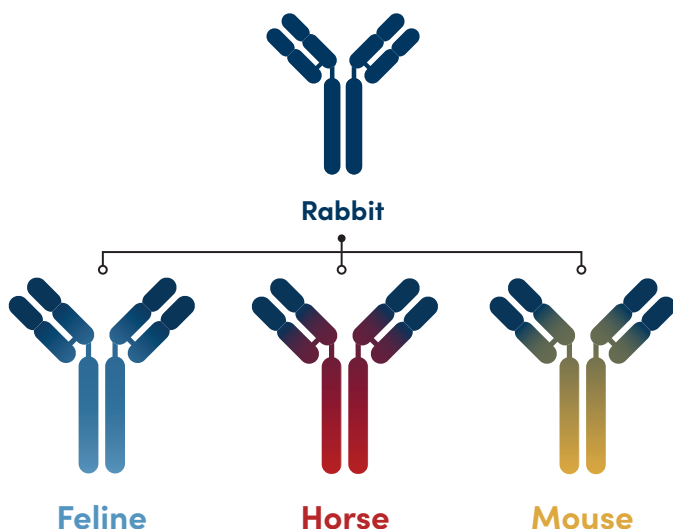


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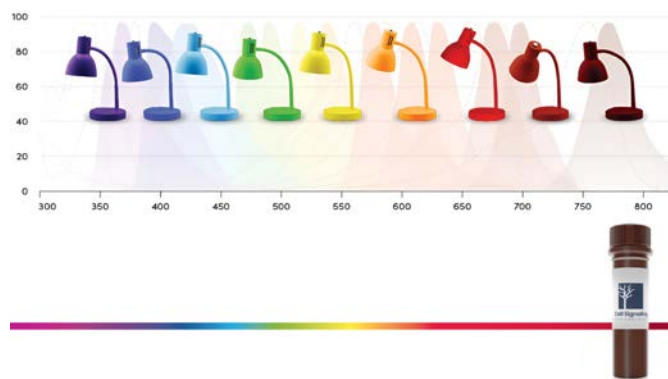


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What's New at CST



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Why multiplex with chimeric antibodies?

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- Cost Effectiveness

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