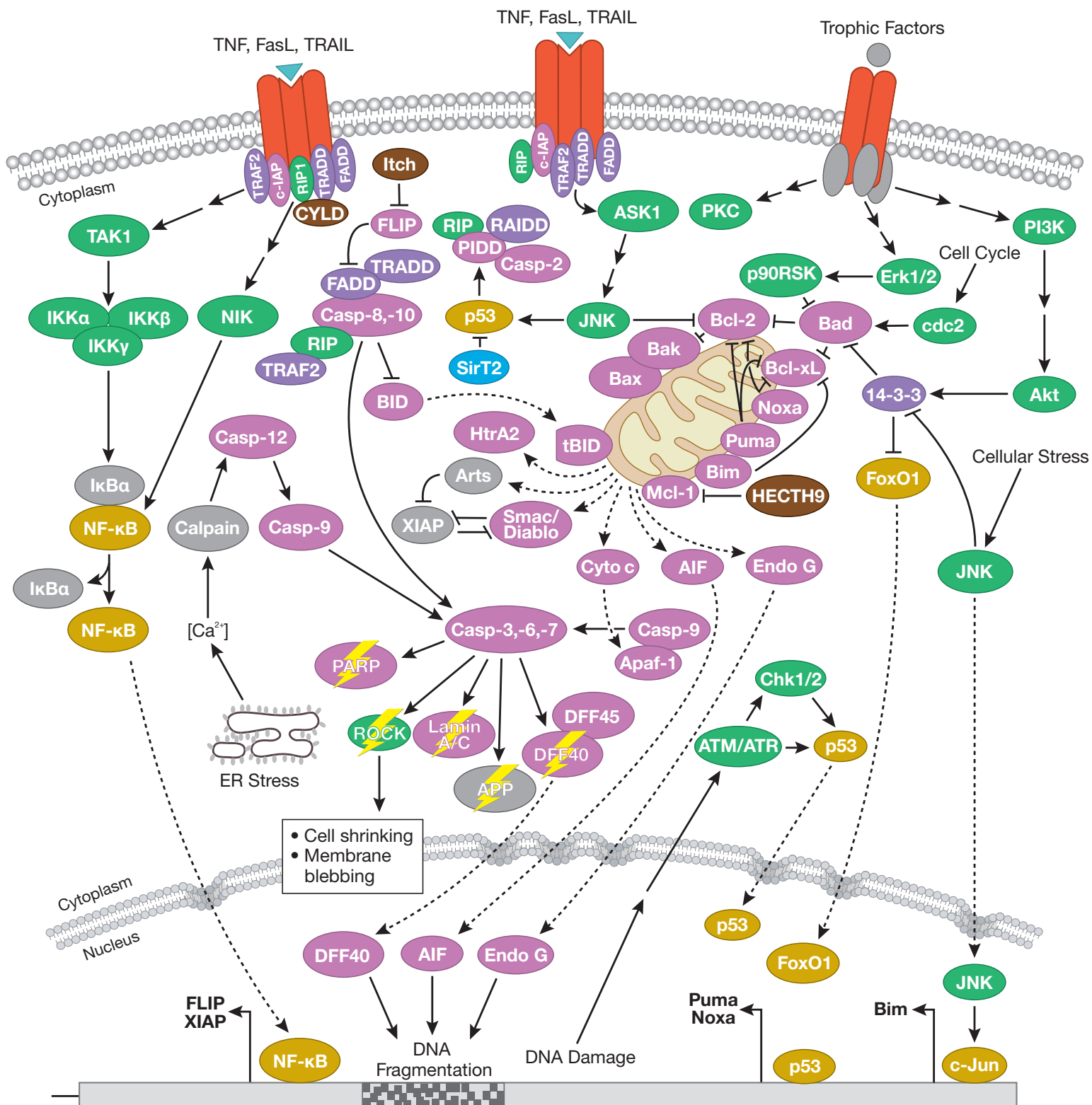


Regulation of Apoptosis



Key Products for Apoptosis Signaling

Visit cst-science.com/apoptosis-list for a full listing of antibodies, related kits, and reagents.

ANTIBODIES

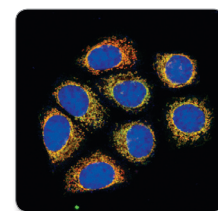
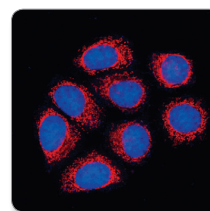
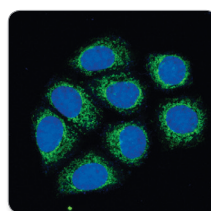
ANTIBODIES	APPLICATIONS	REACTIVITY
#5318 AIF (D39D2) XP® Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R, Mk, (B, Dg)
#9239 Bad (D24A9) Rabbit mAb	WB	H, M, R, Mk, (B)
#4366 Phospho-Bad (Ser136) (D25H8) Rabbit mAb	WB, IP	H, M, Mk, (R)
#12105 Bak (D4E4) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#5023 Bax (D2E11) Rabbit mAb	WB, IP, IHC-P	H
#3498 Bcl-2 (D17C4) Rabbit mAb (Mouse Preferred)	WB, IP	H, M
#15071 Bcl-2 (124) Mouse mAb	WB, IP, IHC-P, F	H
#2827 Phospho-Bcl-2 (Ser70) (5H2) Rabbit mAb	WB, IF-IC, F	H
#2724 Bcl-w (31H4) Rabbit mAb	WB	H, M, R
#2764 Bcl-xL (54H6) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#2002 BID Antibody (Human Specific)	WB, IP	H
#2933 Bim (C34C5) Rabbit mAb	WB, IP, IHC-Bond, IHC-P, IF-IC, F	H, M, R, (Mk, B, Dg, Pg)
#4199 Cleaved Caspase-1 (Asp297) (D57A2) Rabbit mAb	WB, IP	H (Mk)
#9662 Caspase-3 Antibody	WB, IP, IHC-P	H, M, R, Mk
#9661 Cleaved Caspase-3 (Asp175) Antibody	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk, (B, Dg, Pg)
#9664 Cleaved Caspase-3 (Asp175) (5A1E) Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC, F	H, M, R, Mk, (B, Dg, Pg)
#9602 Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-IC, F	H, (M, R, Mk, B, Dg, Pg)
#8438 Cleaved Caspase-7 (Asp198) (D6H1) Rabbit mAb	WB, IF-IC, F	H, M, R
#9746 Caspase-8 (1C12) Mouse mAb	WB, IP	H
#8592 Cleaved Caspase-8 (Asp387) (D5B2) XP® Rabbit mAb (Mouse Specific)	WB, IP, IF-IC, F	M
#9496 Cleaved Caspase-8 (Asp391) (18C8) Rabbit mAb	WB, IHC-P, IF-IC, F	H
#9502 Caspase-9 Antibody (Human Specific)	WB, F	H
#9508 Caspase-9 (C9) Mouse mAb	WB	H, M, R, Hm, Mk
#20750 Cleaved Caspase-9 (Asp315) (D8I9E) Rabbit mAb	WB, IP, IF-IC, F	H
#11940 Cytochrome c (D18C7) Rabbit mAb	WB, IHC-P	H, M, R, Mk, (B, Pg)
#12963 Cytochrome c (6H2.B4) Mouse mAb	IP, IF-IC	H, M, R
#56343 FLIP (D5J1E) Rabbit mAb	WB, IP	H, M, R
#9718 Phospho-Histone H2A.X (Ser139) (20E3) Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk
#80312 Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk
#7065 c-IAP1 (D5G9) Rabbit mAb	WB, IP	H, (Mk)
#3130 c-IAP2 (58C7) Rabbit mAb	WB, IP	H, (Mk)
#39224 Mcl-1 (D5V5L) Rabbit mAb	WB, IHC-P, IF-IC	H
#94296 Mcl-1 (D2WB9E) Rabbit mAb	WB, IP, IF-IC, F	H, M, R
#37333 Phospho-MLKL (Ser345) (D6E3G) Rabbit mAb	WB, IF-IC	M
#91689 Phospho-MLKL (Ser358) (D6H3V) Rabbit mAb	WB	H
#2524 p53 (1C12) Mouse mAb	WB, IP, IF-IC, F, ChIP	H, M, R, Hm, Mk
#9284 Phospho-p53 (Ser15) Antibody	WB, IP, ChIP	H, M, R, Mk, (Mi, B, Pg)
#9542 PARP Antibody	WB	H, M, R, Mk
#9532 PARP (46D11) Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Mk
#5625 Cleaved PARP (Asp214) (D64E10) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, Mk
#94885 Cleaved PARP (Asp214) (D6X6X) Rabbit mAb (Rodent Specific)	WB, IP, IHC-P, IF-IC, F	M, R
#12450 Puma (D30C10) Rabbit mAb	WB, IP	H
#3493 RIP (D94C12) XP® Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Hm, Mk
#65746 Phospho-RIP (Ser166) (D1L3S) Rabbit mAb	WB	H
#13526 RIP3 (E1Z1D) Rabbit mAb	WB, IP	H

ANTIBODIES

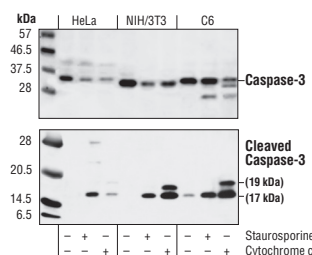
ANTIBODIES	APPLICATIONS	REACTIVITY
#95702 RIP3 (D4G2A) Rabbit mAb	WB, IP, IF-IC, F	M
#93654 Phospho-RIP3 (Ser227) (D6WB2T) Rabbit mAb	WB, IF-IC	H
#15108 Smac/Diablo (D5S3R) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R
#2808 Survivin (71G4B7) Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC, F	H, M, R

SAMPLER KITS

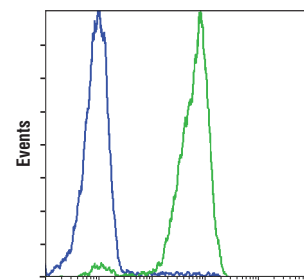
#6592 Annexin V-FITC Early Apoptosis Detection Kit	IF-IC, F
#92570 Apoptosis/Necroptosis Antibody Sampler Kit	
#98322 Pro-Apoptosis Bcl-2 Family Antibody Sampler Kit II	
#17229 Pro-Survival Bcl-2 Family Antibody Sampler Kit II	
#13296 Mitochondrial Membrane Potential Assay Kit (II)	IF-IC, F
#98110 Necroptosis Antibody Sampler Kit	



Bim (C34C5) Rabbit mAb #2933: Confocal IF analysis of MCF-7 cells using #2933 (green) showing co-localization with mitochondria labeled by MitoTracker® Red CMXRos #9082 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

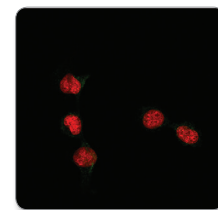
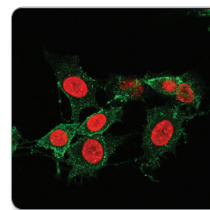
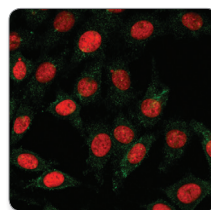


Cleaved Caspase-3 (Asp175) Antibody #9661: WB analysis on extracts from HeLa, NIH/3T3, and C6 cells staurosporine-treated, cytochrome c-treated, or untreated, using Caspase-3 Antibody #9662 (upper) and #9661 (lower).



Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb (Alexa Fluor® 647 Conjugate)

Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb (Alexa Fluor® 647 Conjugate) #9602: Flow cytometric analysis of Jurkat cells, Etoposide #2200-treated (green) or untreated (blue) using #9602.



Phospho-MLKL (Ser345) (D6E3G) Rabbit mAb #37333: Confocal IF analysis of L-929 cells untreated (left), treated with Z-VAD #60332/SM-164/mTNF-α #5178 (center) and post-processed with λ-phosphatase (right) using #37333. DNA labeled with Propidium iodide #4087 (red).

APPLICATIONS & REACTIVITY KEY: WB Western Blotting / IP Immunoprecipitation / IHC Immunohistochemistry / IF Immunofluorescence / F Flow Cytometry / ChIP Chromatin Immunoprecipitation / -IC Immunocytochemistry / -P Paraffin / -F Frozen / E-P Peptide ELISA / H human / M mouse / R rat / Hm hamster / Mk monkey / C chicken / Mi mink / Dm D. melanogaster / X Xenopus / Z zebrafish / B bovine / Dg dog / Pg pig / Sc S. cerevisiae / All all species expected / () 100% sequence homology

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