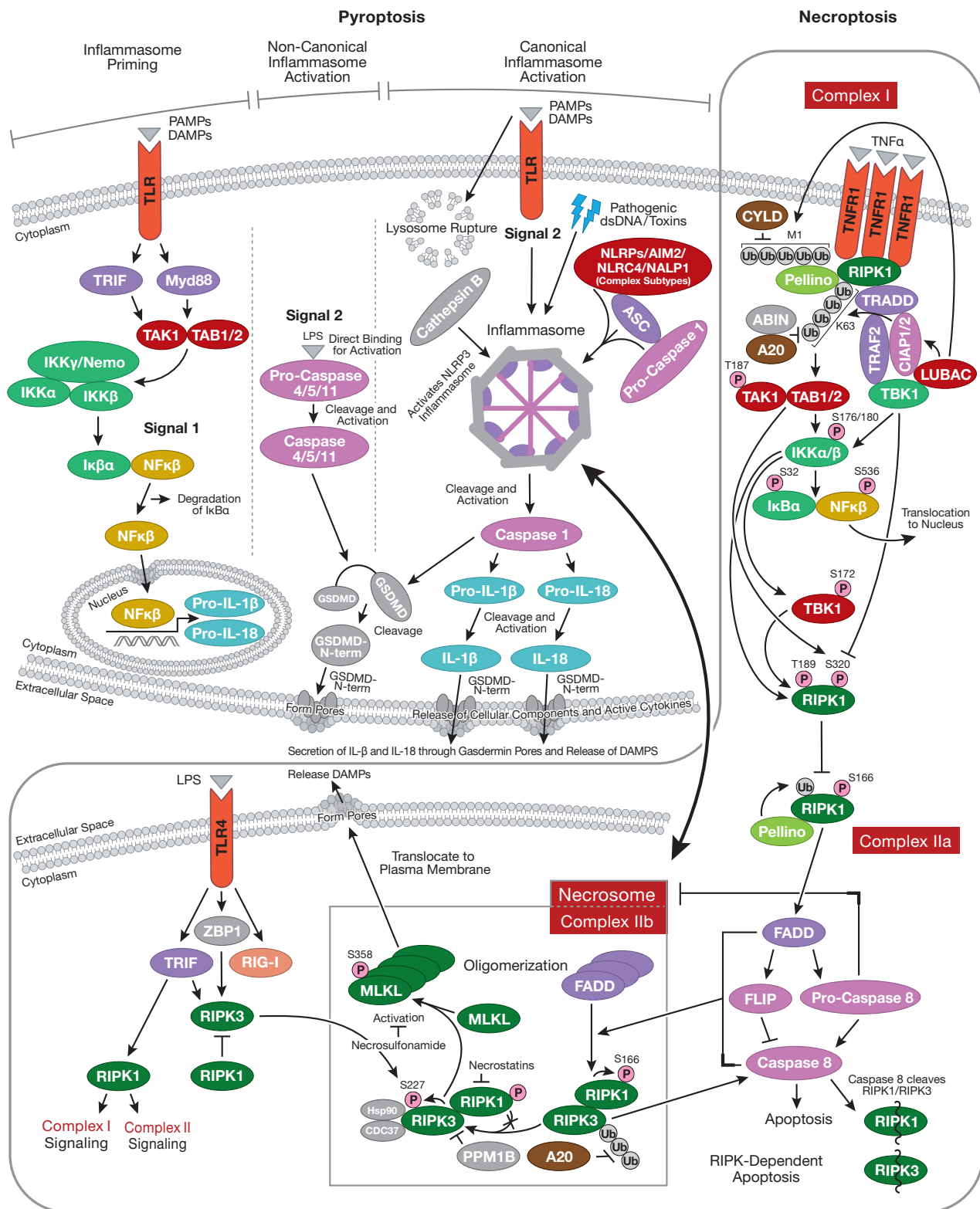


Necrotic Cell Death



Key Products for Necrosis Signaling

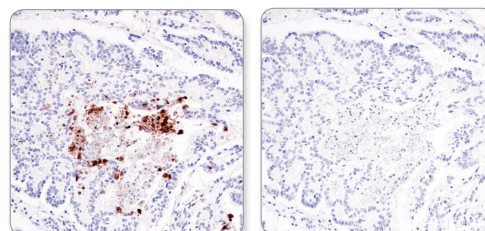
Visit www.cellsignal.com for full listing of antibodies, related kits, and reagents

ANTIBODIES

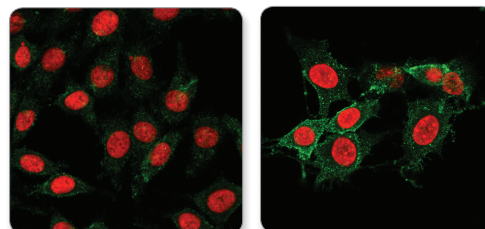
ANTIBODIES	APPLICATIONS	REACTIVITY
#67824 ASC/TMS1 (D2W8U) Rabbit mAb (Mouse Specific)	WB, IP, IF-IC, F	M
#3866 Caspase-1 (D7F10) Rabbit mAb	WB, IP	H, (Mk)
#2225 Caspase-1 Antibody	WB	H
#89332 Cleaved Caspase-1 (Asp296) (E2G2I) Rabbit mAb	WB	M
#24332 Caspase-1 (E2Z1C) Rabbit mAb	WB	M
#67314 Cleaved Caspase-1 (Asp296) Antibody	WB	M, (R)
#4199 Cleaved Caspase-1 (Asp297) (D57A2) Rabbit mAb	WB, IP	H, (Mk)
#4450 Caspase-4 Antibody	WB	H, (Mk)
#46680 Caspase-5 (D3G4W) Rabbit mAb	WB, IP	H
#9746 Caspase-8 (1C12) Mouse mAb	WB, IP	H
#4790 Caspase-8 (D35G2) Rabbit mAb	WB	H, M, R, (Pg)
#4927 Caspase-8 Antibody (Mouse Specific)	WB	M
#9748 Cleaved Caspase-8 (Asp384) (11G10) Mouse mAb	WB	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
#14340 Caspase-11 (17D9) Rat mAb	WB, IP	M
#31718 Cathepsin B (D1C7Y) XP® Rabbit mAb	WB, IHC, IF-IC, F	H, M, R
#8462 CYLD (D1A10) Rabbit mAb	WB, IP	H, M, R, Mk, (Hm, B, Dg, GP, Hr)
#42533 DR4 (D9S1R) Rabbit mAb	WB, IP, IF-IC, F	H
#8074 DR5 (D4E9) XP® Rabbit mAb	WB, IP, IF-IC	H
#93026 DR6 (E8D2I) Rabbit mAb	WB, IP	H
#56343 FLIP (D5J1E) Rabbit mAb	WB, IP	H, M, R
#96458 Gasdermin D Antibody	WB, IP	H
#36425 Cleaved Gasdermin D (Asp275) (E7H9G) Rabbit mAb	WB, IHC-IP	H
#50928 Cleaved Gasdermin D (Asp276) Antibody (Mouse Specific)	WB	M
#7065 c-IAP1 (D5G9) Rabbit mAb	WB, IP	H, (Mk)
#3130 c-IAP2 (58C7) Rabbit mAb	WB, IP	H, (Mk)
#12242 IL-1β (3A6) Mouse mAb	WB, IHC-P	H, M
#12507 IL-1β (D3H1Z) Rabbit mAb (Mouse Specific)	WB	M
#12703 IL-1β (D3U3E) Rabbit mAb	WB, IF-IC, F	H
#31202 IL-1β (D6D6T) Rabbit mAb (Mouse Specific)	WB, F	M
#83186 Cleaved-IL-1β (Asp116) (D3A3Z) Rabbit mAb	WB, IP, IF-IC	H
#63124 Cleaved IL-1β (Asp117) (E7V2A) Rabbit mAb (Mouse Specific)	WB, IP	M
#14993 MLKL (D2I6N) Rabbit mAb	WB	H
#37705 MLKL (D6W1K) Rabbit mAb (Mouse Specific)	WB, IP	M
#37333 Phospho-MLKL (Ser345) (D6E3G) Rabbit mAb	WB, IF-IC	M
#91689 Phospho-MLKL (Ser358) (D6H3V) Rabbit mAb	WB	H
#4990 NALP1 Antibody	WB	H, M, R, (Mk)
#12421 NLRC4 (D5Y8E) Rabbit mAb	WB, IP	H
#15101 NLRP3 (D4D8T) Rabbit mAb	WB, IP	H, M, (Hm)
#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
#44590 Phospho-RIP (Ser166) (D8I3A) Rabbit mAb	WB, IF-IC	H
#31122 Phospho-RIP (Ser166) Antibody (Rodent Specific)	WB	M, (R)
#83613 Phospho-RIP (Ser321) Antibody (Mouse Specific)	WB	M

ANTIBODIES

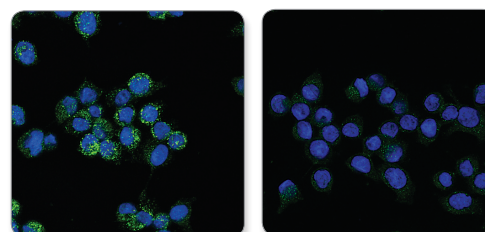
ANTIBODIES	APPLICATIONS	REACTIVITY
#77565 Cleaved RIP (Asp324) (D5P6D) Rabbit mAb	WB	H
#95702 RIP3 (D4G2A) Rabbit mAb	WB, IP, IF-IC, F	M
#15828 RIP3 (D8J3L) Rabbit mAb	WB, IP	M, R
#13526 RIP3 (E1Z1D) Rabbit mAb	WB, IP	H
#93654 Phospho-RIP3 (Ser227) (D6W2T) Rabbit mAb	WB, IF-IC	H
#57220 Phospho-RIP3 (Thr231/Ser232) Antibody (Mouse Specific)	WB	M
#13833 ASC/TMS1 (E1E3I) Rabbit mAb	WB, IP	H
#11948 TNF-α (D2D4) XP® Rabbit mAb (Mouse Specific)	WB, IP, IF-IC, F	M
#6945 TNF-α (D5G9) Rabbit mAb	WB, IP	H
#3736 TNF-R1 (C25C1) Rabbit mAb	WB, IP	H
#4724 TRAF2 (C192) Antibody	WB, IP	H, M, Mk
#60968 ZBP-1 Antibody	WB, IP	H



Cleaved Gasdermin D (Asp275) (E7H9G) Rabbit mAb #36425: IHC analysis of paraffin-embedded human colon carcinoma using #36425 in the presence of non-cleaved Gasdermin D peptide (left) or Asp275 cleavage-specific Gasdermin D peptide (right).



Phospho-MLKL (Ser345) (D6E3G) Rabbit mAb #37333: Confocal IF analysis of L-929 cells, untreated (left) or pre-treated with Z-VAD (20 μM, 30 min) followed by treatment with SM-164 (100 nM) and Mouse Tumor Necrosis Factor-α (mTNF-α) #5178 (20 ng/mL, 2.5 hr; right), using #37333 (green). Red = Propidium Iodide (PI)/RNase Staining Solution #4087 (fluorescent DNA dye).



Phospho-RIP3 (Ser227) (D6W2T) Rabbit mAb #93654: Confocal IF analysis of HT-29 cells, pre-treated with Z-VAD (20 μM, 30 min) followed by treatment with SM-164 (100 nM) and Human Tumor Necrosis Factor-α (hTNF-α) #8902 (20 ng/mL, 6 hr; left), or pre-treated with Z-VAD followed by treatment with SM-164 and hTNF-α and post-processed with λ-phosphatase (right), using #93654 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

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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