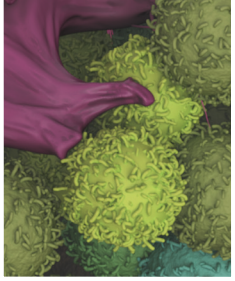
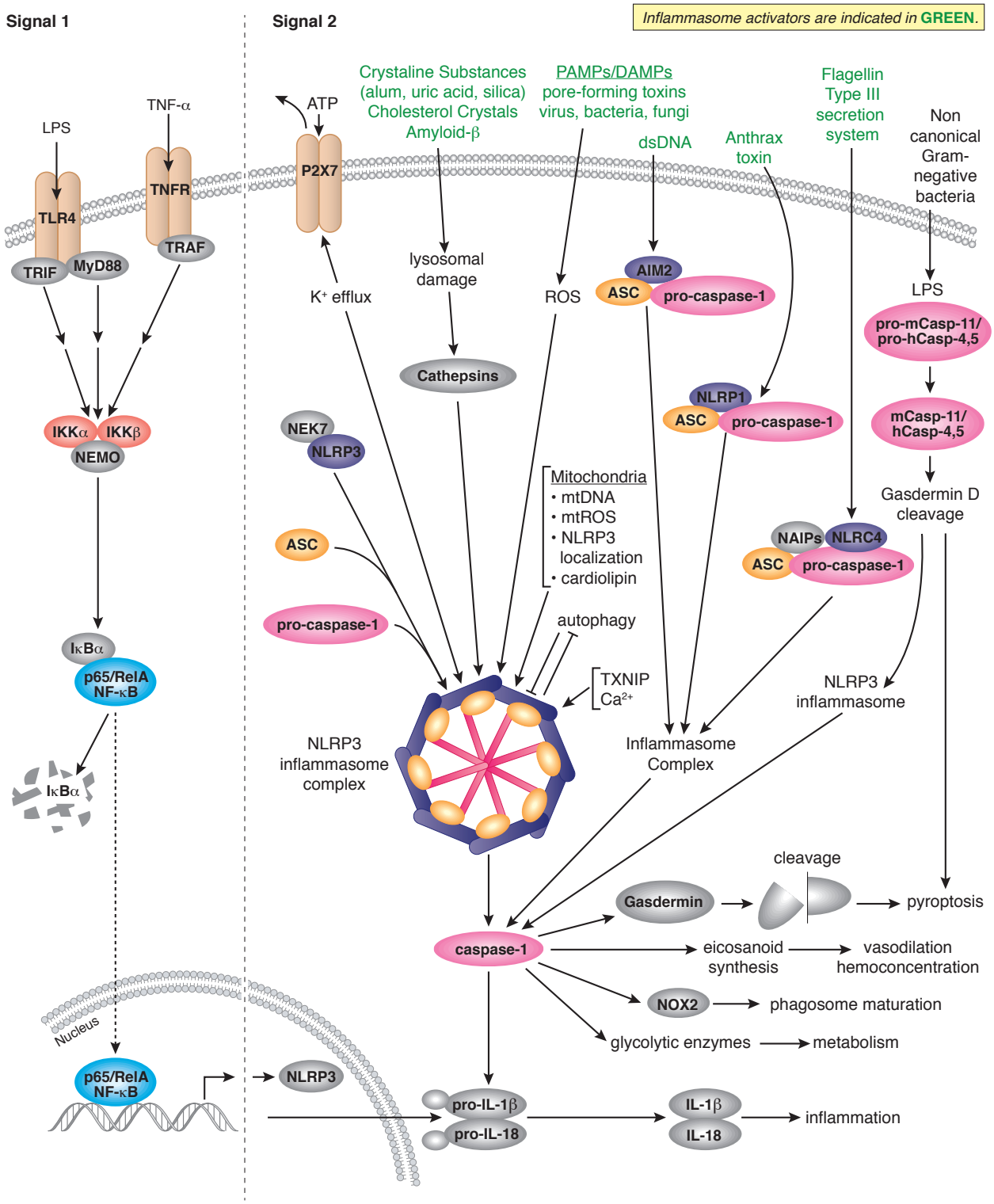
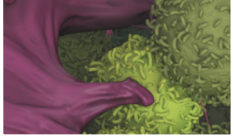


Inflammasome Signaling



Cell Signaling
TECHNOLOGY®

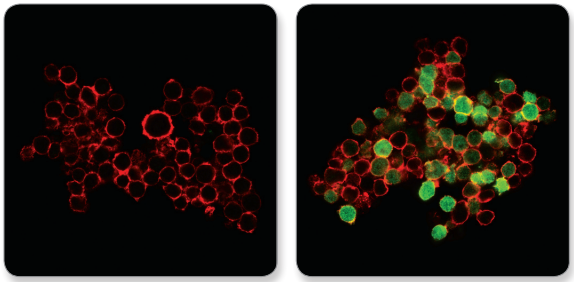


Key Products for Inflammasome Signaling

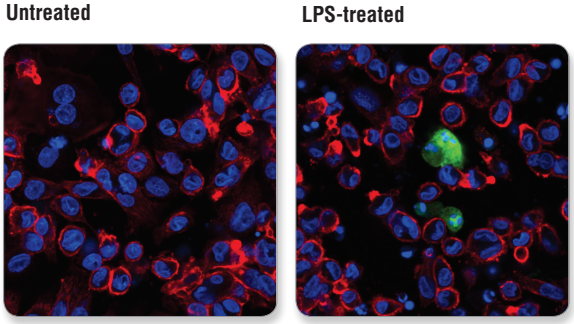
Visit **www.cellsignal.com** for full listing of antibodies, related kits, and reagents.

ANTIBODIES

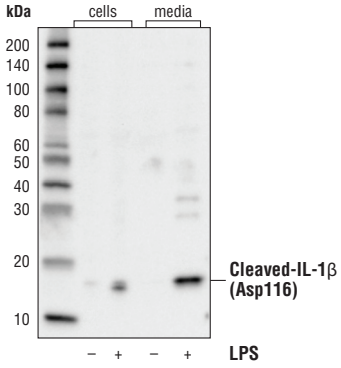
		APPLICATIONS	REACTIVITY
#12948	AIM2 (D5X7K) Rabbit mAb	WB, IP	H
#67824	ASC (D2W8U) Rabbit mAb (Mouse Specific)	WB, IP, IF-IC	M
#3866	Caspase-1 (D7F10) Rabbit mAb	WB, IP	H
#4199	Cleaved Caspase-1 (Asp297) (D57A2) Rabbit mAb	WB, IP	H
#4450	Caspase-4 Antibody	WB	H
#46680	Caspase-5 (D3G4W) Rabbit mAb	WB, IP	H
#14340	Caspase-11 (17D9) Rat mAb	WB, IP	M
#14970	IFI16 (D8B5T) Rabbit mAb	WB, IP, IHC-P	H
#12242	IL-1β (3A6) Mouse mAb	WB, IHC-P	H, M
#12703	IL-1β (D3U3E) Rabbit mAb	WB, IF-IC, F	H
#13627	IL-1β (D3U3E) Rabbit mAb (PE Conjugate)	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
#4990	NALP1 Antibody	WB	H, M, R, (Mk)
#15101	NLRP3 (D4D8T) Rabbit mAb	WB, IP	H, M, (Hm)
#12421	NLRC4 (D5Y8E) Rabbit mAb	WB, IP	H
#13833	TMS1 (E1E3I) Rabbit mAb	WB, IP	H



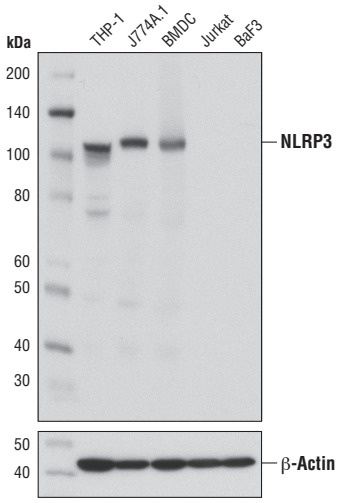
IL-1β (D3U3E) Rabbit mAb #12703: Confocal IF analysis of THP-1 cells, untreated (left) or LPS-treated (500 ng/ml, 2 hr; right), using #12703 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red).



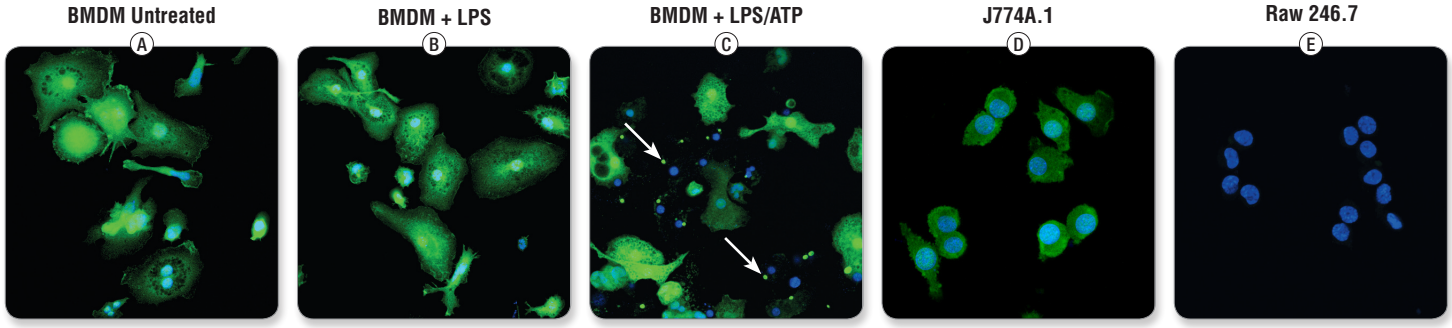
Cleaved-IL-1β (Asp116) (D3A3Z) Rabbit mAb #83186: Confocal IF analysis of THP-1 cells, differentiated with TPA #4174 (80 nM, 24 hr) and subsequently treated with (right) or without (left) Lipopolysaccharides (LPS) #14011 (1 µg/ml, 6 hr), using Cleaved-IL-1β (Asp116) (D3A3Z) Rabbit mAb (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



Cleaved-IL-1β (Asp116) (D3A3Z) Rabbit mAb #83186: WB analysis of extracts from cells or media collected from THP-1 cells, differentiated with TPA #4147 (80 nM, overnight) and subsequently treated with (+) or without (-) Lipopolysaccharides (LPS) #14011 (1 µg/ml, 6 hr), using #83186.



NLRP3 (D4D8T) Rabbit mAb #15101: WB analysis of extracts from mouse bone marrow-derived dendritic cells (BMDC) and various cell lines using #15101 (upper) and β-Actin (D6A8) Rabbit mAb #8457 (lower).



ASC (D2W8U) Rabbit mAb (Mouse Specific) #67824: Confocal IF analysis of mouse primary bone marrow-derived macrophages (BMDM), either untreated (**A**) or treated with LPS (50 ng/ml, 4 hr, **B**) or LPS followed by ATP (5 mM, 45 min, **C**), and J774A.1 (**D**) or Raw 264.7 (**E**) cells, using ASC (D2W8U) Rabbit mAb (Mouse Specific) (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye). Note the translocation of ASC to inflammasomes following stimulation with LPS and ATP (white arrows).

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** zebra fish / **B** bovine / **Dg** dog / **Pg** pig / **Sc** S. cerevisiae / **All** all species expected / **( )** 100% sequence homology

16FLYIMMU0119ENG

© 2016 Cell Signaling Technology, Inc. Cell Signaling Technology, and CST are trademarks of Cell Signaling Technology, Inc. U.S. Patent No. 5,675,063. All other trademarks are the property of their respective owners.