## 65630

## A20/TNFAIP3 (D13H3) Rabbit mAb



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

## For Research Use Only. Not for Use in Diagnostic Procedures.

	Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 82	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #P21580	Entrez-Gene Id: 7128
Product Usage Information		<b>Application</b> Western Blotting Simple Western™ Immunoprecipitation			<b>Dilution</b> 1:1000 1:10 - 1:50 1:100	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		A20/TNFAIP3 (D13H3) Rabbit mAb recognizes endogenous levels of total A20/TNFAIP3 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant protein specific to the amino terminus terminus of human A20/TNFAIP3 protein. The antibody was prepared in collaboration with Dr. Marc Schmidt-Supprian, Max Planck Institute of Biochemistry.				
Background		to inhibit apoptosis ar response gene in hum containing seven Cys2 lymphoid tissues (4), k signals such as TNF-α resistance to apoptosi with TRAF (TNF recept inhibiting protein ABII activity that can contriubiquitinating (DUB) a	nd activate NF-kB (1 nan umbilical vein e 2/Cys2-zinc finger n out it is transiently ( (3,5), IL-1 (3,5), pho is and NF-kB actival or associated facto N (10). Studies also ibute to its biologic activity for Lys63 bratains ubiquitin liga	otein 3 (TNFAIP3), is cyto, 2). It was first identified indothelial cells, and encotifs (3). Constitutive exexpressed in a variety of irbol esters (6), and LPS irion triggered by these sor) family members (8,9), show that A20 contains al functions (11,12). The enches, such as those for see (E3) activity for Lys48	as a TNF-α inducible dodes a 790-amino pression of A20 is cell types in respor (7). Expression of A ignals, probably the and interaction with site-specific ubiquitamino-terminus of und in TRAF6 and F	ole primary acid protein observed in ase to inflammatory 20 can confer rough interference th the NF-kB tin modifying A20 contains de-
Background Ref	erences	1. Beyaert, R. et al. (20 2. Lee, E.G. et al. (2000 3. Dixit, V.M. et al. (1994 4. Tewari, M. et al. (1995) 5. Jäättelä, M. et al. (1996) 6. Laherty, C.D. et al. (1996)	0) <i>Science</i> 289, 2350 90) <i>J Biol Chem</i> 265, 95) <i>J Immunol</i> 154, 996) <i>J Immunol</i> 156	0-4. 2973-8. 1699-706. , 1166-73.		

**Species Reactivity** Species reactivity is determined by testing in at least one approved application (e.g., western blot).

 $IMPORTANT: For western \ blots, incubate \ membrane \ with \ diluted \ primary \ antibody \ in \ 5\% \ w/v \ BSA, \ 1X$ 

TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** W: Western Blotting W-S: Simple Western™ IP: Immunoprecipitation

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

**Western Blot Buffer** 

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