TNF-R1 (C25C1) Rabbit mAb



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Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W, W-S, IP	Н	Endogenous	55	Rabbit IgG	#P19438	7132
Product Usage Information		Application Western Blotting Simple Western™ Immunoprecipitation			Dilution 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		TNF-R1 (C25C1) Rabbit mAb recognizes endogenous levels of human TNF-R1 protein. This antibody does not appear to cross-react with other related family members. This antibody may recognize a 30 kDa splice isoform of TNF-R1 in some cell lines.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues within the intracellular region and surrounding Ser331 of human TNF-R1 protein.				
Background		lymphocytes, macroph apoptosis (1). TNF-α ex activity. Response to TI TNF-R2, which is expre	ages, and NK cells ists as a membran NF-α is mediated tl ssed mainly in imn	by numerous cell types, It plays a critical role in e-anchored and soluble nrough two receptors, Th nune and endothelial ce matoid arthritis and othe	inflammatory resp form, both of whic NF-R1, which is wid lls (2). Antagonists	onses and h show biological ely expressed, and το TNF-α have been
		responses (4,5). In mos (6,7). Cytotoxicity is me binds to the death don	st cases cytotoxicit ediated by a "death nain adaptor prote 's have also been c	(Da) and TNF-R2 (75 kDa y elicited by TNF has bee domain" with the intrac in TRADD and triggers t haracterized which can	n reported to act the ellular region of the he activation of cas	nrough TNF-R1 e receptor that pases (8). Soluble
Background References		 Aggarwal, B.B. (2003) Nat Rev Immunol 3, 745-56. Locksley, R.M. et al. (2001) Cell 104, 487-501. Taylor, P.C. et al. (2004) Curr Opin Biotechnol 15, 557-63. Tartaglia, L.A. et al. (1991) Proc Natl Acad Sci USA 88, 9292-6. Peschon, J.J. et al. (1998) J Immunol 160, 943-52. Tartaglia, L.A. et al. (1993) Cell 73, 213-6. Rothe, J. et al. (1993) Nature 364, 798-802. Chen, G. and Goeddel, D.V. (2002) Science 296, 1634-5. Humbert, M. et al. (1994) Am J Respir Crit Care Med 149, 1681-5. Schröder, J. et al. Infection 23, 143-8. 				
Species Reactivity		Species reactivity is def	termined by testin	g in at least one approve	ed application (e.g.,	western blot).

Western Blot Buffer

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

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