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e at -20C	TNF-R1 (C25C1) Rabbit mAb		Cell Signaling TECHNOLOGY®	
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: Re WB, W-S, IP	eactivity: H	Sensitivity: Endogenous	MW (kDa): 55	Source/Isotype: Rabbit IgG	UniProt ID: #P19438	Entrez-Gene Id: 7132
Product Usage Information	We Sin	plication estern Blotting nple Western™ munoprecipitation			Dilution 1:1000 1:10 - 1:50 1:100	
Storage	•	•		7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than
Specificity / Sensitivit	doe		s-react with othe	s endogenous levels of l r related family member les.		
Source / Purification				nunizing animals with a s nd surrounding Ser331 c		
Background	lym; (1). Res whic as ti The resp Cyto dea rece	phocytes, macrophag TNF-α exists as a m ponse to TNF-α is m ch is expressed main herapeutic targets fo two receptors for TN ponses (4,5). In most potoxicity is mediated th domain adaptor pr	ges, and NK cel embrane-ancho ediated through ly in immune ar r rheumatoid art IF-α, TNF-R1 (5 cases cytotoxic by a "death don rotein TRADD a	d by numerous cell types is. It plays a critical role i red and soluble form, bo two receptors, TNF-R1, ad endothelial cells (2). A hritis and other immune 5 kDa) and TNF-R2 (75 ity elicited by TNF has b hain" with the intracellula nd triggers the activation which can bind TNF- α a	n inflammatory respon th of which show biolo which is widely expre- ntagonists to TNF-α h disorders (3). kDa) can mediate dis een reported to act th r region of the recepto of caspases (8). Solu	nses and apoptosis ogical activity. ssed, and TNF-R2, ave been validated tinct cellular rough TNF-R1 (6,7). or that binds to the ible forms of both
Background Referenc	2. Lu 3. Ta 4. Ta 5. P 6. Ta 7. R 8. C 9. H	eschon, J.J. et al. (19 artaglia, L.A. et al. (1 othe, J. et al. (1993) hen, G. and Goedde	2001) Cell 104, 4) Curr Opin Bid 991) Proc Natl A 998) J Immunol 993) Cell 73, 21 Nature 364, 794 I, D.V. (2002) So 94) Am J Respin	487-501. btechnol 15, 557-63. Acad Sci USA 88, 9292-6 160, 943-52. 3-6. 3-802. Sience 296, 1634-5. r Crit Care Med 149, 168		
Species Reactivity	Spec	ies reactivity is deter	mined by testin	g in at least one approve	d application (e.g., we	estern blot).
Western Blot Buffer		DRTANT: For western Tween® 20 at 4°C v		membrane with diluted ing, overnight.	primary antibody in 59	% w/v BSA, 1X TBS,
Applications Key	WB:	: Western Blotting W	-S: Simple Wes	tern™ IP: Immunoprecip	itation	

3/23/24, 11:02 AM Cross-Reactivity Key	TNF-R1 (C25C1) Rabbit mAb (#3736) Datasheet Without Images Cell Signaling Technology H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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