

TNF-R1 (D3I7K) 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.

Applications: W	Reactivity: M R	Sensitivity: Endogenous	MW (kDa): 55	Source/Isotype: Rabbit IgG	UniProt ID: #P25118	Entrez-Gene Id: 21937
Product Usage Information		Application Western Blotting			Dilution 1:1000	
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 (D3I7K) Rabbit mAb recognizes endogenous levels of total mouse TNF-R1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of mouse TNF-R1 protein.				
Background		lymphocytes, macrop apoptosis (1). TNF-α e activity. Response to TNF-R2, which is exprivalidated as therapeuthe two receptors for responses (4,5). In mac (6,7). Cytotoxicity is mids to the death do	hages, and NK cells exists as a membrar INF-α is mediated the essed mainly in implicit targets for rheu TNF-α, TNF-R1 (55 post cases cytotoxicitied adaptor protes have also been cors have also been cors have also been consists.	by numerous cell types. It plays a critical role in the and soluble through two receptors, The and endothelial cematoid arthritis and other kDa) and TNF-R2 (75 kDa) and TNF-R2 (75 kDa) elicited by TNF has been domain" with the intraction TRADD and triggers the can	inflammatory resp form, both of which NF-R1, which is wid lls (2). Antagonists the er immune disorder a) can mediate disting en reported to act the cellular region of the the activation of cas	onses and h show biological ely expressed, and to TNF-α have been rs (3). nct cellular 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 U S A 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. (1995) Infection 23, 143-8. 				
Species Reactiv	rity	Species reactivity is do	etermined 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				

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

Cross-Reactivity Key M: Mouse R: Rat

Trademarks and Patents

Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

SignalSilence is a registered trademark of Cell Signaling Technology, Inc.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Limited Uses

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.