#15122 Store at -20C

OX40 (D4N3K) Rabbit mAb



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Applications: WB	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 45	Source/Isotype: Rabbit IgG	UniProt ID: #P43489	Entrez-Gene Id: 7293	
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		OX40 (D4N3K) Rabbit mAb recognizes endogenous levels of total OX40 protein. This antibody binds the extracellular domain of human OX40 protein.					
Source / Purification	•	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gln156 of human OX40 protein.					
Background	regu trans on a expr recru sign sign OX4	lates T cell activity smembrane domain ctivated CD4+ and essed on activated uitment of TNF recealing complex. One aling through Akt ca OL-OX40 pathway is	and immune resp n, and a cytoplasm CD8+ T-cells, whantigen presenting eptor-associated the component of the an also enhance is associated with	of the tumor necrosis factorises. The OX40 protes of tail containing a QE nile the OX40 ligand (OX nig cells (3-7). The engal factors (TRAFs) and resis complex, PKC0, activation of the containing directly (Strain inflammation and autoent anti-tumor immunity in the oxiginal of the oxiginal of the containing of the oxiginal oxi	ein contains four cyste E motif (1,2). OX40 is K40L, TNFSF4, CD252 gement of OX40 with tults in the formation of vates the NF-kB pathword). Research studies in immune diseases (10)	ine rich domains, a primarily expressed 2) is predominantly OX40L leads to the f a TCR-independent (28). OX40 ndicate that the). Additional research	
Background Refere	2. SG 3. Pa 4. M 5. Do 6. G 7. Al 8. SG 9. SG 10. G 11. W	1. Croft, M. (2010) <i>Annu Rev Immunol</i> 28, 57-78. 2. So, T. and Croft, M. (2012) <i>Front Immunol</i> 3, 133. 3. Paterson, D.J. et al. (1987) <i>Mol Immunol</i> 24, 1281-90. 4. Mallett, S. et al. (1990) <i>EMBO J</i> 9, 1063-8. 5. Dürkop, H. et al. (1995) <i>Br J Haematol</i> 91, 927-31. 6. Godfrey, W.R. et al. (1994) <i>J Exp Med</i> 180, 757-62. 7. Al-Shamkhani, A. et al. (1997) <i>J Biol Chem</i> 272, 5275-82. 8. So, T. et al. (2011) <i>Proc Natl Acad Sci U S A</i> 108, 2903-8. 9. So, T. and Croft, M. (2013) <i>Front Immunol</i> 4, 139. 10. Gough, M.J. and Weinberg, A.D. (2009) <i>Adv Exp Med Biol</i> 647, 94-107. 11. Weinberg, A.D. et al. (2011) <i>Immunol Rev</i> 244, 218-31. 12. Linch, S.N. et al. (2015) <i>Front Oncol</i> 5, 34.					

Species Reactivity Species reactivity is determined by testing in at least one approved 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 WB: Western Blotting

Cross-Reactivity Key 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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Limited Uses

OX40 (D4N3K) Rabbit mAb (#15122) Datasheet Without Images Cell Signaling Technology

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