OX40 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Ox40, Polyclonal Antibody
Full Product Name	Ox40 Polyclonal Antibody
Product Gene Name	anti-Ox40 antibody
Clonality	Polyclonal
Species Reactivity	Human, Mouse, Rat.
Molecular Weight	29,341 Da
Immunogen Sequence Positions	228-277
OMIM	600315
3D Structure	ModBase 3D Structure for P43489
Immunogen	synthesized peptide derived from human TNR4, 228-277aa
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-Ox40 antibody	MBS8524460 is an antibody targeting Ox40. Also known as Ox40 Polyclonal Antibody. Reactive in Human, Mouse, Rat..
Other Notes	Small volumes of anti-Ox40 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ox40. It may not necessarily be applicable to this product.

NCBI GI #	4507579
NCBI GeneID	7293
NCBI Accession #	NP_003318.1
UniProt Primary Accession #	P43489
UniProt Secondary Accession #	Q13663; Q2M312; Q5T7M0
UniProt Related Accession #	P43489
GenBank Nucleotide #	NM_003327.3
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	TNF receptor superfamily member 4
NCBI Official Symbol	TNFRSF4
NCBI Official Synonym Symbols	OX40; ACT35; CD134; IMD16; TXGP1L
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Synonym Protein Names	ACT35 antigen; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; CD_antigen: CD134
Protein Family	Tumor necrosis factor ligand superfamily

UniProt Gene Name	TNFRSF4
UniProt Synonym Gene Names	TXGP1L
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4
NCBI Summary for Ox40	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2lL1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008]
UniProt Comments for Ox40	Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity.
Research Articles on Ox40	**1.** this study demonstrates that cSCCs contain an abundance of Tregs which can suppress tumoral effector T cell function and that activation of the costimulatory receptor OX40 enhances tumoral T cell responses.
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