

Mouse OX40/CD134/TNFRSF4 Monoclonal Antibody | anti-TNFRSF4 antibody

OX40/CD134/TNFRSF4 (Immuno-Oncology Target) Mouse Monoclonal Antibody [Clone OX40/2721]

CATALOG # AAA215969	HOST Mouse	REACTIVITY Human, Chimpanzee	APPLICATIONS Immunohistochemistry
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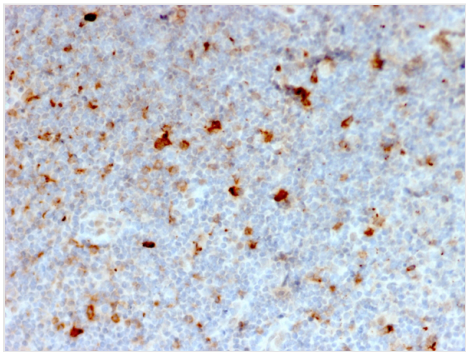
PRODUCT SYNONYMS

OX40/CD134/TNFRSF4; Monoclonal Antibody; OX40/CD134/TNFRSF4 (Immuno-Oncology Target) Mouse Monoclonal Antibody [Clone OX40/2721]; OX40/CD134/TNFRSF4 (Immuno-Oncology Target); ACT35; CD134; Lymphoid activation antigen ACT35; OX40; TAX transcriptionally-activated glycoprotein 1 receptor; TNFRSF4 (Tumor necrosis factor receptor superfamily member 4); anti-TNFRSF4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Chimpanzee
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	OX40/2721
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-TNFRSF4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human OX40 (CD134) protein (around aa 59-205) (exact sequence is proprietary)
Cellular Localization	Cell Surface
Positive Control	HuT78 cells or human peripheral blood leukocytes (hPBL). Human tonsil.
Hu-chromosome Location	1p36.33
Unigene	129780
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human lymph node stained with OX40 Mouse Monoclonal Antibody (OX40/2721).

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF4 antibody	This MAb recognizes a protein of 43kDa, identified as OX40, which is also known as CD134. OX40 is a type I integral membrane glycoprotein and member of the tumor necrosis factor/nerve growth factor receptor (TNFR/NGFR) family. It is expressed on activated T lymphocytes, hematopoietic precursor cells and fibroblasts. It functions as a T cell co-stimulatory receptor when bound by OX40 Ligand/TNFSF4 that is expressed by antigen presenting cells. OX40 thereby plays roles in T-cell activation as well as the regulation of differentiation, proliferation or apoptosis of normal and malignant lymphoid cells. OX40 is upregulated at the sites of inflammation, especially in case of multiple sclerosis and psoriatic lesions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1171933
NCBI GeneID	7293
UniProt Accession #	P43489; Q13663; Q2M312; Q5T7M0
Molecular Weight	277
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 4
NCBI Official Symbol	TNFRSF4
NCBI Official Synonym Symbols	OX40; ACT35; CD134; IMD16; TXGP1L
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX transcriptionally-activated glycoprotein 1 r
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	TNFRSF4
UniProt Synonym Gene Names	TXGP1L
UniProt Entry Name	TNR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.