

CD134 recombinant antibody

Anti-CD134 [OX-40], Rabbit IgG, kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72444	Rabbit	Rat	Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay, Functional Assay, Flow Cytometry, Functional Assay

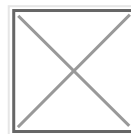
PRODUCT SYNONYMS

CD134; Monoclonal Recombinant Antibody; Anti-CD134 [OX-40]; Rabbit IgG; kappa; TNFRS4; Tumor necrosis factor receptor superfamily member 4; OX40 antigen; OX40L receptor; OX40; MRC OX40; MRC OX-40; OX-40; CD134 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	OX-40
Specificity	OX-40 antibody binds specifically to CD4+ T blasts. CD134 is a protein of the TNFR superfamily. It binds to OX40 ligand of both the monomeric and trimeric states which results in co-stimulated proliferation.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD134 recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), FA (Functional Assay), FCM/FACS (Flow Cytometry)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed rat splenocytes with anti-CD134 antibody OX-40 (AAA72444). Immunofluorescence analysis of paraformaldehyde fixed rat (Rattus norvegicus) splenocytes on Shi-fix coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of OX-40 (AAA72444) at 10ug/ml for 1h followed by AlexaFluor 488 secondary antibody (1ug/ml), showing punctate cytoplasmic staining, possibly of vesicle trafficking protein. The nuclear stain is DAPI (blue). Panel shows from left to right, top-bottom AAA72444, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by AlexaFluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for CD134 recombinant antibody	OX40 antibody was prepared by immunizing mice with phytohaemagglutinin-activated rat lymph node cells.
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References	Paterson et al. Antigens of activated rat T lymphocytes including a molecule of 50,000 Mr detected only on CD4 positive T blasts. Mol Immunol. 1987 Dec;24(12):1281-90. N/A2828930 Note on publication: Describes the identification of and functional studies using antibodies which can act as markers for activated T cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129301
NCBI GeneID	25572
UniProt Accession #	P15725
Molecular Weight	29,895 Da
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; Txgp1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4; MRC OX40; OX40 antigen; OX40L receptor; tumor necrosis factor superfamily, member 4; Tax-transcriptionally activated glycoprotein 1; tumor necrosis factor (ligand) superfamily member 4
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	Tnfrsf4
UniProt Synonym Gene Names	Ox40; Txgp1l
UniProt Entry Name	TNR4_RAT

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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd134-recombinant-antibody-clone-ox-40-immunoprecipitation-immunohistochemistry-flow-cytometry-functional-assay-flow-cytometry-elisa/72444>