

Mouse CD134 Monoclonal Antibody | anti-CD134 antibody

MOUSE ANTI RAT CD134:FITC

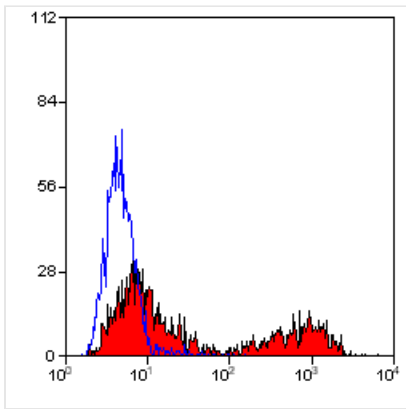
CATALOG # AAA49119	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

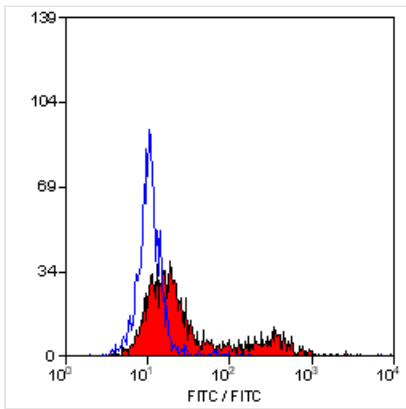
CD134; Monoclonal Antibody; MOUSE ANTI RAT CD134:FITC; anti-CD134 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	OX-40
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-CD134 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	Phytohemagglutinin (PHA) activated Rat Lymph Node Cells Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Staining of stimulated rat spleen cells with Mouse anti Rat CD134:Alexa Fluor 647



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Staining of stimulated rat spleen cells with Mouse anti Rat CD134:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD134 antibody	Mouse anti Rat CD134 antibody, clone OX-40 recognizes the OX40 antigen which is present on activated T lymphocytes that also express CD4 (Paterson et al. 1987). The antigen is a glycoprotein of approximately 50kD molecular weight which is related in sequence to the low affinity Nerve Growth Factor Receptor (Mallett et al. 1990). Mouse anti Rat CD134 antibody, clone OX-40 is not mitogenic, but does enhance some T cell responses (Paterson et al. 1987).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981688
NCBI GeneID	25572
NCBI Accession #	NP_037181.1
NCBI GenBank Nucleotide #	NM_013049.1
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; Tax-transcriptionally activated glycoprotein 1; tumor necrosis factor (ligand) superfamily member 4; tumor necrosis factor 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.