

Datasheet for ABIN7661222

anti-TNFRSF4 antibody (AA 59-205) (CF®647)



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Overview

Quantity:	100 µL
Target:	TNFRSF4
Binding Specificity:	AA 59-205
Reactivity:	Human, Chimpanzee
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is conjugated to CF®647
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	OX40 / CD134/ TNFRSF4 (Immuno-Oncology Target)(OX40/3108), CF647 conjugate
Immunogen:	Recombinant fragment of human OX40 (CD134) protein (around aa 59-205)
Clone:	OX40-3108
Isotype:	IgG2c, kappa
Characteristics:	ThisMAb recognizes a protein of 43 kDa, 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

Product Details

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. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	TNFRSF4
Alternative Name:	CD134
Background:	Synonyms: ACT35, CD134, Lymphoid activation antigen ACT35, OX40, TAX transcriptionally-activated glycoprotein 1 receptor, TNFRSF4 (Tumor necrosis factor receptor superfamily member 4) Gene Symbol: TNFRSF4
Molecular Weight:	43 kDa
Gene ID:	7293
UniProt:	P43489
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: MOLT-4 cells. Human peripheral blood leukocytes (hPBL). Human tonsil tissue (IHC).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Protect from light
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Storage:	4 °C
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Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
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Expiry Date:	24 months
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