Datasheet for ABIN6940817

anti-TNFRSF4 antibody (AA 59-205)

7 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	TNFRSF4
Binding Specificity:	AA 59-205
Reactivity:	Human, Chimpanzee
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Coating (Coat), Immunostaining (ISt), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment of human OX40 (CD134) protein (around aa 59-205) (exact sequence is proprietary)
Clone:	OX40-3108
Isotype:	IgG2c kappa
Specificity:	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.
Purification:	Purified by Protein A/G

Target Details

Target:	TNFRSF4
Alternative Name:	TNFRSF4 (TNFRSF4 Products)
Molecular Weight:	43kDa
Gene ID:	7293
UniProt:	P43489
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Positive Control: MOLT-4 cells. Human peripheral blood leukocytes (hPBL). Human tonsil tissue (IHC). Known Application: ELISA (For coating, order antibody without BSA),Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL),Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

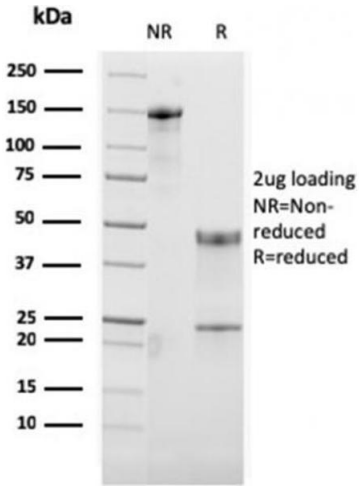
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C

Handling

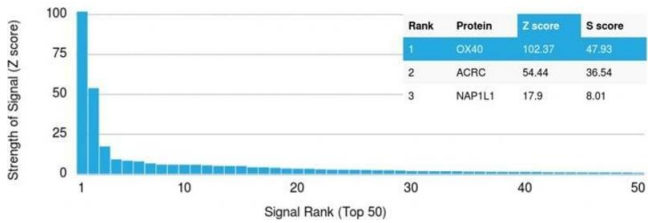
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

Images



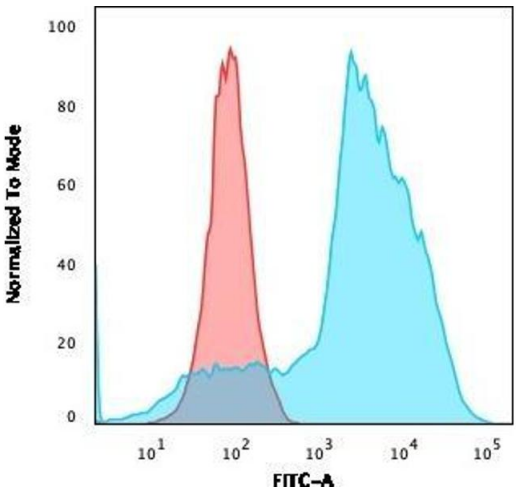
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified OX40 Mouse Monoclonal Antibody (OX40/3108). Confirmation of Integrity and Purity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using OX40 Mouse Monoclonal Antibody (OX40/3108). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Flow Cytometry

Image 3. Flow Cytometric Analysis of MOLT4 cells using OX40 Mouse Monoclonal Antibody (OX40/3108) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

Please check the product details page for more images. Overall 7 images are available for ABIN6940817.