

Datasheet for ABIN225579
anti-TNFRSF4 antibody (FITC)



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Overview

Quantity:	0.1 mg
Target:	TNFRSF4
Reactivity:	Cat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is conjugated to FITC
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	CHO-derived feline CD134-Fc fusion protein.
	Type of Immunogen: Fusion protein
Clone:	7D6
Isotype:	IgG1
Specificity:	Recognizes feline CD134, otherwise known as OX40, a 43kD type I membrane protein and member of the tumor necrosis factor receptor superfamily, expressed predominantly by CD4+ activated T cells, and a key regulator of T cell-dependent immune responses. CD134 has been identified as the receptor for the OX40 ligand, CD252, expressed by activated B cells, acting as a co-stimulatory signal for the stimulation and secretion of immunoglobulins. CD134 has also been identified as a binding receptor for Feline Immunodeficiency Virus (FIV), acting along with CXC chemokine receptor 4 (CXCR4) to facilitate the entry of the virus into CD4+ primary target cells.

Product Details

No Cross-Reactivity:	Mouse (Murine)
Purification:	Protein G purified

Target Details

Target:	TNFRSF4
Alternative Name:	TNFRSF4 / CD134 / OX40 (TNFRSF4 Products)
Background:	Name/Gene ID: TNFRSF4 Family: TNF Receptor Synonyms: TNFRSF4, ACT35 antigen, ATC35 antigen, CD134, ACT35, OX40, OX40 antigen, OX40L receptor, OX40 homologue, CD134 antigen, OX40 cell surface antigen, TXGP1L
Gene ID:	7293
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: Flo (1:1 - 1:5), WB Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. Flow Cytometry: Use 10 µL of the suggested working dilution to label 1x10 ⁶ cells in 100 µL. Method sheets are available on request.
Comment:	Target Species of Antibody: Cat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide, 1 % BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	4 °C,-20 °C
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Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.
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