

Datasheet for ABIN2661013
anti-TNFSF14 antibody (Biotin)



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1 Image

Overview

Quantity:	100 µg
Target:	TNFSF14
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFSF14 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Clone:	T5-39
Isotype:	IgG2b kappa
Characteristics:	<p>The T5-39 antibody recognizes human LIGHT (CD258) also known as ligand for herpesvirus entry mediator, tumor necrosis factor receptor-like-2 ligand, TR2 ligand, and tumor necrosis factor ligand superfamily member 14 (TNFSF14). LIGHT is a type 2 transmembrane protein, and a member of the tumor necrosis factor ligand superfamily. LIGHT can be proteolytically cleaved and two isoforms have been shown to be produced by alternative splicing. The apparent molecular weight of LIGHT is approximately 30 kD. LIGHT expression has been observed in spleen, brain and kidney, expression is upregulated on activated T cells (particularly CD8+ cells). LIGHT stimulates proliferation of T cells and inhibits growth of some tumor cells. This protein has been shown to play a role in intestinal inflammation and contribute to IgA nephropathy. LIGHT is a ligand for HVEM, and LTβR and has also been shown to bind DcR3 and modulate function. In addition, LIGHT has been shown to interact with other proteins including TRAF2,</p>

Product Details

TRAF3, and DIABLO. The T5-39 antibody has been shown to be useful for flow cytometry and ELISA.

Purification: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Target Details

Target: TNFSF14

Alternative Name: CD258 ([TNFSF14 Products](#))

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

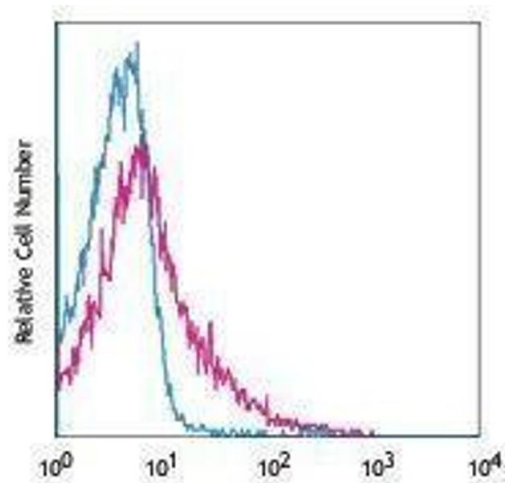
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.



Flow Cytometry

Image 1.