Datasheet for ABIN7505890

anti-HVEM antibody

1 Image

Go to Product page

Overview

Quantity:	0.1 mg
Target:	HVEM (TNFRSF14)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HVEM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Hu CD270 Purified
Immunogen:	recombinant human CD270
Clone:	CW10
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody CW10 recognizes an extracellular epitope on CD270, a type I transmembrane protein expressed on resting T cells, monocytes, and immature dendritic cells.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	HVEM (TNFRSF14)

Target Details

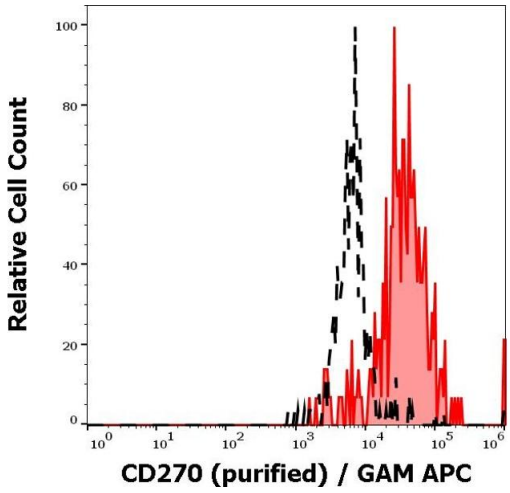
Alternative Name:	CD270 (TNFRSF14 Products)
Target Type:	Viral Protein
Background:	TNF receptor superfamily member 14,CD270 is a type I transmembrane protein of the TNFR superfamily, which is expressed on resting T cells, monocytes, and immature dendritic cells. Its ligands, CD258 and CD272, differ in effect on CD270 signaling. Whereas binding to CD258 provides a costimulatory signal, binding to CD272 gives to the cell an inhibitory signal. CD270 also is recognized by herpes simplex glycoprotein D. CD258-CD270 interaction and signaling is implicated in macrophage-derived foam cell-mediated development of atherosclerotic lesions.,TNFRSF14, TR2, ATAR, HVEA, HVEM, LIGHTR
Gene ID:	8764
UniProt:	Q92956
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of HDLM-2 cells stained using anti-CD270 (CW10) purified antibody (concentration in sample 1,6 µg/mL, GAM APC, red-filled) from HDLM-2 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).

