Datasheet for ABIN7540428

anti-HVEM antibody (APC)

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Overview

Quantity:	100 tests
Target:	HVEM (TNFRSF14)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HVEM antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD270 APC
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 antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	HVEM (TNFRSF14)

Target Details

Alternative Name:	CD270 (TNFRSF14 Products)
Background:	NCBI Full Gene Name: TNF receptor superfamily member 14 Description: 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. Other names: TNFRSF14, TR2, ATAR, HVEA, HVEM, LIGHTR Gene name: TNFRSF14
Gene ID:	8764
UniProt:	Q92956
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Stabilizing 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. Protect from prolonged exposure to light. Do not freeze.