Datasheet for ABIN2663260

anti-HVEM antibody (PE)

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Overview

Quantity:	100 µg
Target:	HVEM (TNFRSF14)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This HVEM antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	HMHV-1B18
Isotype:	IgG
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	HVEM (TNFRSF14)
Alternative Name:	CD270 (TNFRSF14 Products)
Target Type:	Viral Protein
Background:	Herpes Virus Entry Mediator (HVEM, TR2) is a type I transmembrane protein of TNF-receptor superfamily. This receptor was identified as a cellular mediator of herpes simplex virus (HAS) entry. Binding of HSV viral envelope glycoprotein D to this receptor has been shown to be part

Target Details

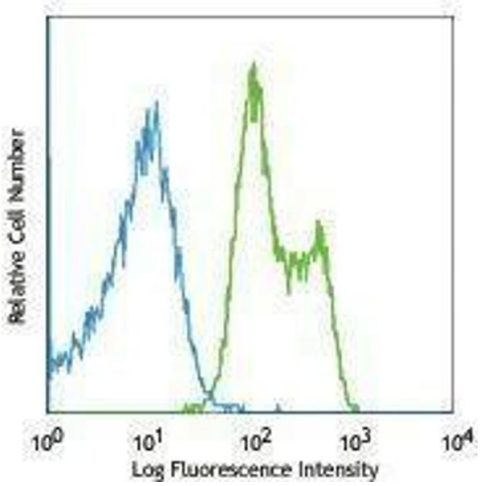
	of the viral entry mechanism. It is expressed on most cell types, including T cells, B cells, monocytes, neutrophils, and dendritic cells. It is also found in brain, heart, kidney, liver, and other organs. The ligands of HVEM are LIGHT, BTLA, LTα, and CD160. HVEM activates NF-kB through the TNF-related cytokine LIGHT to serve as a costimulatory pathway during T cell activation. HVEM also functions as a ligand for the Ig superfamily members B and T lymphocyte attenuator (BTLA) and CD160 to deliver a coinhibitory signal and limit inflammatory responses initiated by T cells. HVEM plays an important role in regulating lymphocyte activation and homeostasis in immune responses.
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.2 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:	Protect from prolonged exposure to light. 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.