

Datasheet for ABIN7193258

anti-S1PR1 antibody

4 Images

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Overview

Quantity:	0.1 mg
Target:	S1PR1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S1PR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD363 expressed in E. coli.
Clone:	1E3H5
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	S1PR1
Alternative Name:	CD363 (S1PR1 Products)
Background:	Description: The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes

Target Details

that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants.

Aliases: S1PR1, EDG1, S1P1, ECGF1, EDG-1, CHEDG1, D1S3362

Molecular Weight: 42.8 kDa

Gene ID: 1901

Pathways: [Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

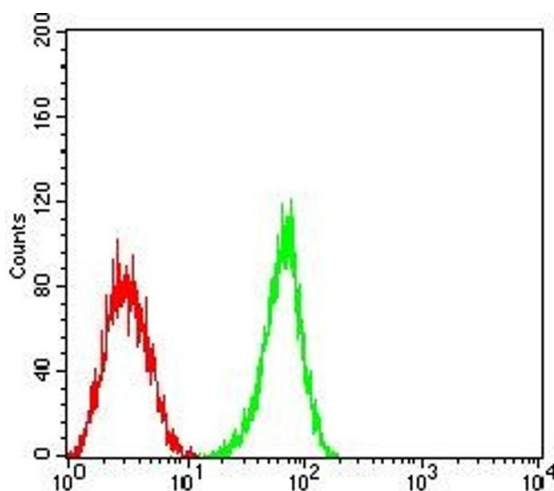
Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

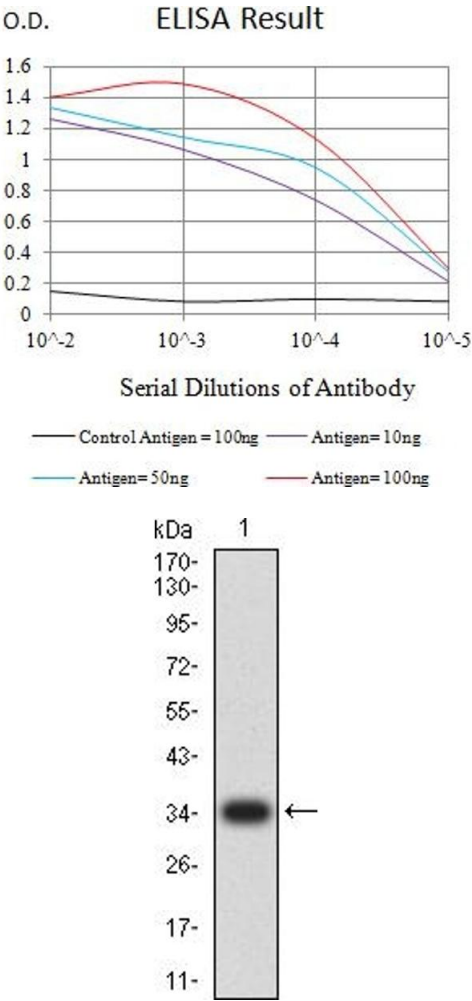
Storage Comment: 4°C, -20°C for long term storage

Images



Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD363 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using CD363 mAb against human CD363 recombinant protein. (Expected MW is 34.8 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193258.