

Datasheet for ABIN7193259

anti-S1PR1 antibody**6** Images[Go to Product page](#)

Overview

Quantity:	100 µL
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)

Product Details

Purpose:	CD363 Antibody
Immunogen:	Purified recombinant fragment of human CD363 expressed in E. Coli.
Clone:	8E4H5
Isotype:	IgG2a
Purification:	Purified antibody

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

Target Details

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 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: 42.8kDa

Gene ID: 1901

UniProt: [P21453](#)

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

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

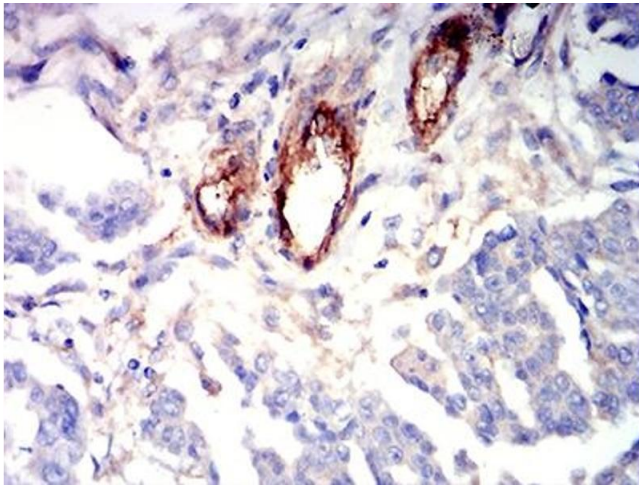
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

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

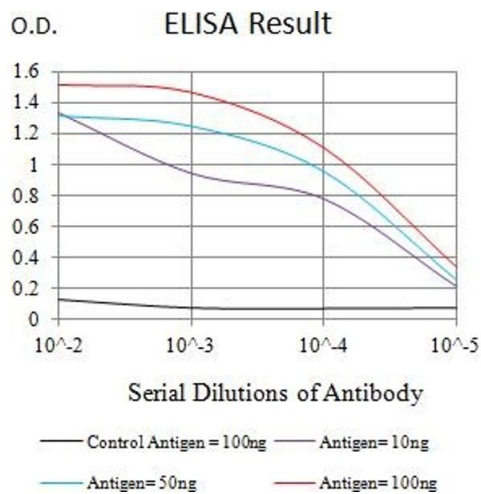
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



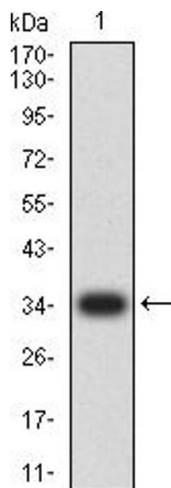
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD363 mouse mAb with DAB staining.



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 6 images are available for ABIN7193259.