Datasheet for ABIN681148

anti-S1PR4 antibody (AA 301-384)

2 Images

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Overview

Quantity:	100 µL
Target:	S1PR4
Binding Specificity:	AA 301-384
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EDG6
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse
Purification:	Purified by Protein A.

Target Details

Target:	S1PR4

Target Details

Alternative Name:	EDG6 (S1PR4 Products)
Background:	Synonyms: Endothelial dferentiation lysophosphatidic acid G protein coupled receptor 6, Endothelial dferentiation G protein coupled receptor 6, Endothelial dferentiation gene 6, LPC1, Lysophospholipid receptor C1, MGC129298, Putative G protein coupled receptor, S1P receptor 4, S1P receptor Edg6, S1P4, S1PR4, SLP4, Sphingosine 1 phosphate receptor 4, Sphingosine 1 phosphate receptor Edg6, S1PR4_HUMAN. Background: This protein belongs to a G protein coupled heptahelical receptor subfamily named Endothelial Cell Differentiation Genes (EDG)that act as receptors for biologically active lysophospholipids. This group consists of two receptor subgroups specific for S1P and LPA respectively. EDG6 is the receptor for lysophospholipid sphingosine 1 phosphate (S1P). S1P elicits diverse physiological effect on most types of cells and tissues. EDG6 may be involved in cell migration processes that are specific for lymphocytes.
Gene ID:	8698

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

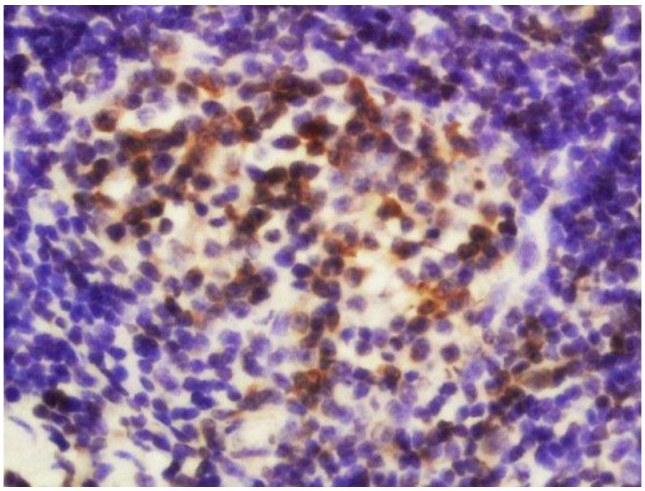
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

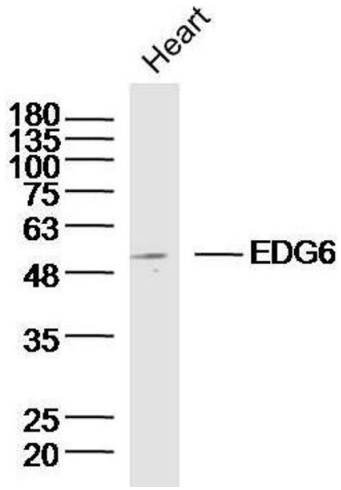
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded mouse spleen labeled with Anti-EDG6 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 2. Mouse heart lysates probed with EDG6 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.