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Datasheet for ABIN5001734

anti-S1PR4 antibody (AA 301-384) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	S1PR4
Binding Specificity:	AA 301-384
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR4 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	EDG6 (S1PR4 Products)

Target Details

Background: Synonyms: Endothelial differentiation lysophosphatidic acid G protein coupled receptor 6, Endothelial differentiation G protein coupled receptor 6, Endothelial differentiation 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: 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: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months