

Datasheet for ABIN264453  
**anti-S1PR4 antibody (C-Term)**



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2 Images

## Overview

Quantity:	0.1 mg
Target:	S1PR4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S1PR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	Hybridoma produced by the fusion of splenocytes from mice immunized with Uniquesynthetic peptide derived from the C-terminal of the EDG6 (S1P4) protein and mousemyeloma cells.
Clone:	1
Isotype:	IgG1
Characteristics:	Synonyms: S1P receptor 4, S1PR4, EDG6, LPC1, SLP4, Sphingosine 1-phosphate receptor 4, Endothelialdifferentiation G-protein coupled receptor 6
Purification:	Purified

## Target Details

Target:	S1PR4
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## Target Details

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Alternative Name: S1PR4 / EDG6 ([S1PR4 Products](#))

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Background: EDG6 (S1P4) belongs to a family of G-protein coupled receptors whose ligands are lysophospholipids. The ligand for EDG6 (S1P4) is sphingosine-1-phosphate. There are 8 known members of the EDG receptor family and they are implicated in mediating growth related effects such as induction of cellular proliferation, alterations in differentiation and survival and suppression of apoptosis. They also evoke cellular effector functions that are dependent on cytoskeletal responses such as contraction, secretion, adhesion and chemotaxis. EDG receptors are developmentally regulated and differ in tissue distribution. They couple to multiple types of G proteins to signal through ras and MAP kinase, rho, phospholipase C and several protein tyrosine kinases. EDG6 (S1P4) is expressed in lymphoid and hematopoietic tissue and in the lungs. Recently, the designation of the EDG receptors has been modified to include the ligand for the receptor. Thus, the new designation for the EDG6 (S1P4) receptor is the sphingosine 1-phosphate receptor-4 (S1P4). Synonyms: EDG-6, Endothelial differentiation G-protein coupled receptor 6, S1P receptor Edg-6, Sphingosine 1-phosphate receptor 4, Sphingosine 1-phosphate receptor Edg-6

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Gene ID: 8698

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UniProt: [O95977](#)

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## Application Details

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Application Notes: Western Blot: 5-10 µg/mL. Flow Cytometry. Positive Control: RH7777 cells transfected with EDG-6 protein.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

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Restrictions: For Research Use only

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## Handling

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Buffer: PBS containing containing 0.08 % Sodium Azide as preservative.

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: Store the antibody at -20 °C. Avoid repeated freezing and thawing.

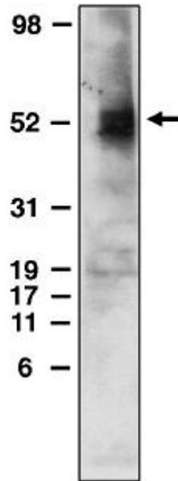
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## Handling

Shelf life: One year from despatch.

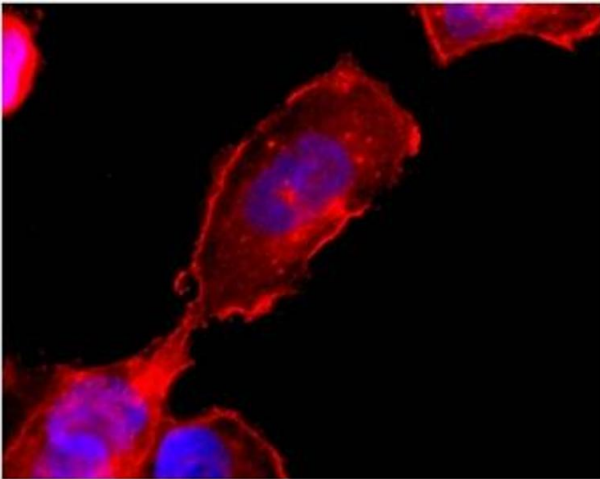
Expiry Date: 12 months

## Images



### Western Blotting

Image 1.



### Immunofluorescence

Image 2.