Datasheet for ABIN1535587

anti-S1PR1 antibody (AA 5-54)

2 Images

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Overview

Quantity:	100 µL
Target:	S1PR1
Binding Specificity:	AA 5-54
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human EDG1.
Isotype:	IgG
Specificity:	EDG1 Antibody detects endogenous levels of total EDG1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	S1PR1
Alternative Name:	EDG1 (S1PR1 Products)
Background:	Synonyms: Sphingosine 1-phosphate receptor Edg-1, Sphingosine 1-phosphate receptor 1,

Target Details

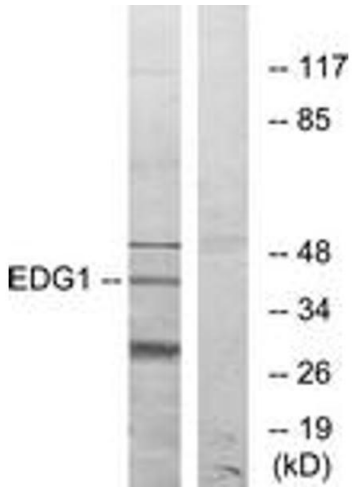
	S1P1, EDG1 NCBI Gene Symbol: S1PR1
Molecular Weight:	42 kDa
Gene ID:	1901
OMIM:	601974
UniProt:	P21453
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.154210 (NCBI Gene Symbol: S1PR1)
Restrictions:	For Research Use only

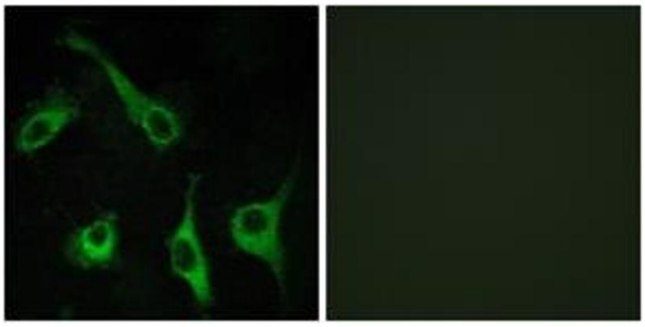
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells, using EDG1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of COS7 cells, using EDG1 Antibody. The picture on the right is treated with the synthesized peptide.