




Product datasheet

Anti-S1PR2 antibody ab235919

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Overview

Product name	Anti-S1PR2 antibody
Description	Rabbit polyclonal to S1PR2
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Recombinant fragment corresponding to Human S1PR2 aa 250 to the C-terminus. Database link: O95136  Run BLAST with  Run BLAST with
Positive control	WB: MCF-7, 293, and Ntera-2 whole cell lysates. ICC/IF: SH-SY5Y cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Affinity purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab235919 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	1/500 - 1/5000. Predicted molecular weight: 39 kDa.
ICC/IF		1/200 - 1/500.

Target

Function

Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis.

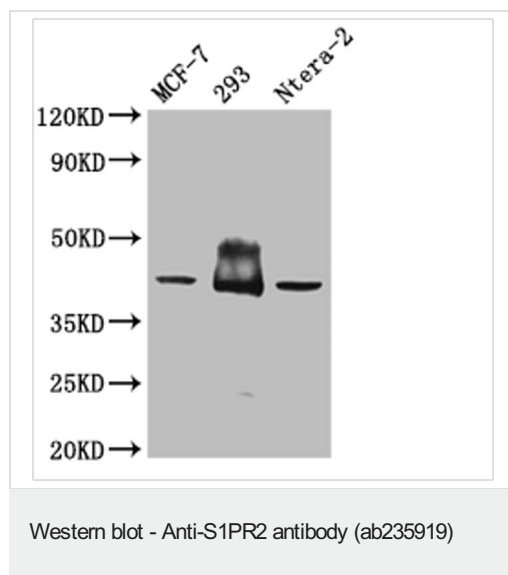
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images



All lanes : Anti-S1PR2 antibody (ab235919) at 1/500 dilution

Lane 1 : MCF-7 whole cell lysate

Lane 2 : 293 whole cell lysate

Lane 3 : Ntera-2 whole cell lysate

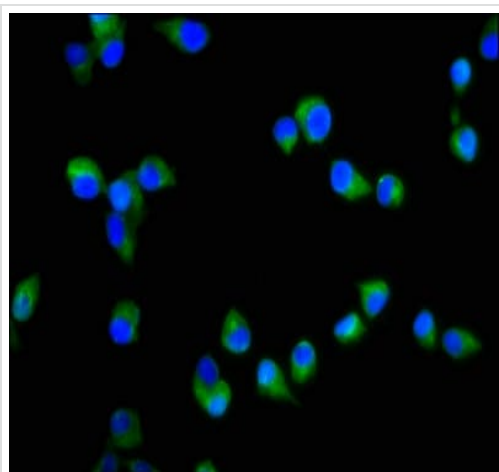
Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 39 kDa

Observed band size: 40 kDa

Exposure time: 5 minutes



Immunocytochemistry/ Immunofluorescence - Anti-S1PR2 antibody (ab235919)

4% formaldehyde-fixed, 0.2% Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line from bone marrow) cells stained for S1PR2 (green) using ab235919 at 1/200 dilution in ICC/IF. Secondary antibody is Alexa Fluor[®] 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L). Counter stained with DAPI.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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