

EDG1 antibody

Cat. No. GTX11424

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-Fr, FACS, IP, IHC
Reactivity	Human, Mouse, Rat

Package

50 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	2-4 µg/ml
ICC/IF	2 µg/ml
IHC-Fr	Assay dependent
FACS	3-5 µg/10 ⁶ cells
IP	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 43 kDa. ([Note](#))

Product Note This antibody shows no cross-reactivity to S1P3. Immunofluorescence data demonstrates that S1P1 is localized to the plasma membrane.

PROPERTIES

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues S(359) H P Q K D D G D N P E T I(372) of mouse S1P1.
Purification	Purified by antigen-affinity chromatography



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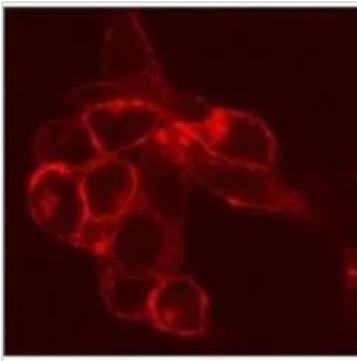
Conjugation

Unconjugated

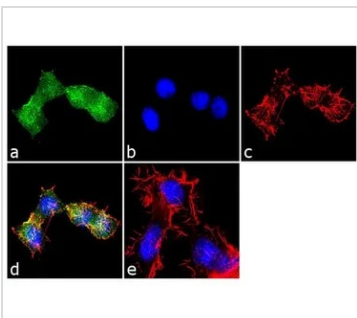
Note

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DATA IMAGES

GTX11424 ICC/IF Image

ICC/IF analysis of S1P1 transfected CCL39 cells using GTX11424 EDG1 antibody.


GTX11424 ICC/IF Image

ICC/IF analysis of Neuro-2a cells using GTX11424 EDG1 antibody. Panel e is a no primary antibody control.

Green : Primary antibody

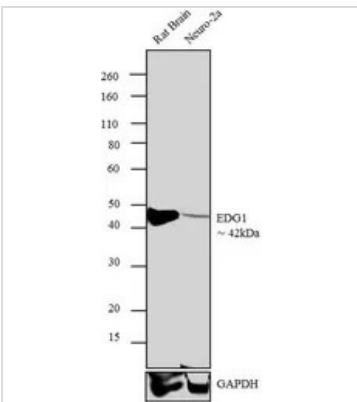
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minutes

Dilution : 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature


GTX11424 WB Image

WB analysis of rat Brain (Lane 1) and Neuro- 2a (Lane 2) lysate using GTX11424 EDG1 antibody.

Dilution : 2 µg/ml


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