

Datasheet for ABIN7043313

anti-EDG4 antibody (Extracellular, N-Term) (FITC)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µL
Target:	EDG4 (LPAR2)
Binding Specificity:	AA 16-29, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDG4 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)NSGKELSLHWRPKD, corresponding to amino acid residues 16-29 of mouse LPA2 receptor
Isotype:	IgG
Characteristics:	Anti-LPAR2 (EDG4) (extracellular) Antibody (ABIN7043312, ABIN7044568 and ABIN7044569)) is a highly specific antibody directed against an epitope of the mouse LPA2 receptor. The antibody can be used in western blot analysis. It recognizes an extracellular epitope and thus is ideal for detecting the receptor in living cells. It has been designed to recognize LPA2 receptor from human, rat, and mouse samples. \nAnti-LPAR2 (EDG4) (extracellular)-FITC Antibody (ABIN7043312, ABIN7044568 and ABIN7044569)-F is directly conjugated to fluorescein isothiocyanate (FITC). The antibody can be used in immunofluorescent applications such as direct live cell flow cytometry.

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target: EDG4 (LPAR2)

Alternative Name: LPAR2 (EDG4) ([LPAR2 Products](#))

Background: Alternative names: LPAR2 (EDG4), Lysophosphatidic acid receptor 2, LPA receptor 2, LPA-2

Gene ID: 53978

NCBI Accession: [NM_004720](#)

UniProt: [Q9JL06](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 50 µL double distilled water (DDW).

Concentration: 1 mg/mL

Buffer: Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.

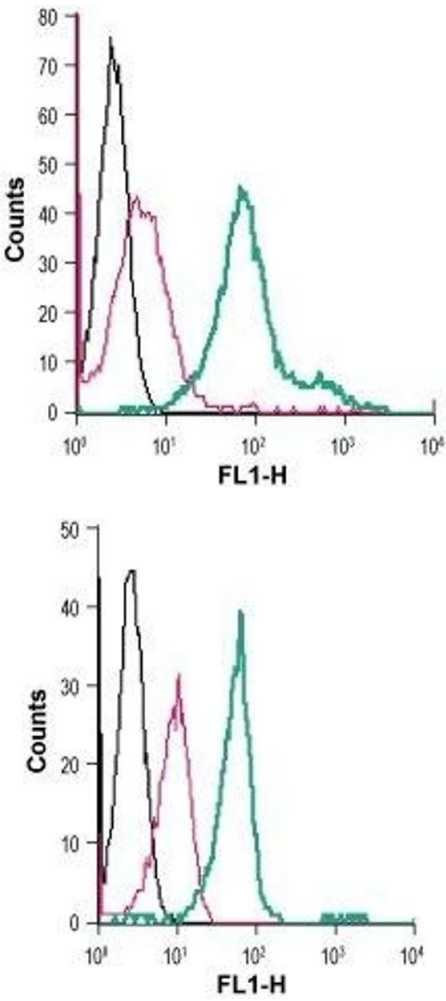
Preservative: Sodium azide

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

Storage: RT, 4 °C, -20 °C

Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.

Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Flow Cytometry

Image 1. Cell surface detection of LPA receptor 2 in live intact mouse J774 macrophage cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-LPAR2 (EDG4) (extracellular)-FITC Antibody (ABIN7043313, ABIN7045578, ABIN7045579 and ABIN7045580), (5 µg).

Flow Cytometry

Image 2. Cell surface detection of LPA receptor 2 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-LPAR2 (EDG4) (extracellular)-FITC Antibody (ABIN7043313, ABIN7045578, ABIN7045579 and ABIN7045580), (2.5 µg).