

Datasheet for ABIN7043398

anti-O3FAR1 antibody (Extracellular, N-Term) (FITC)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µL
Target:	O3FAR1
Binding Specificity:	AA 22-36, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This O3FAR1 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RTHFPFFSDVKGDHR, corresponding to amino acid residues 22-36 of mouse FFAR4
Isotype:	IgG
Characteristics:	Anti-GPR120/FFAR4 (extracellular) Antibody (ABIN7043397, ABIN7044281 and ABIN7044282)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot and indirect live cell flow cytometry. It has been designed to recognize FFAR4 from rat, mouse, and human samples. \nAnti-GPR120/FFAR4 (extracellular)-FITC Antibody (ABIN7043397, ABIN7044281 and ABIN7044282)-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: O3FAR1

Alternative Name: GPR120/FFAR4 ([O3FAR1 Products](#))

Background: Alternative names: GPR120/FFAR4 (extracellular), GPR120, FFA4 Receptor , Free fatty acid receptor 4, Omega-3 fatty acid receptor 1, G-protein coupled receptor 120, G-protein coupled receptor GT01, O3far1

Gene ID: 107221

NCBI Accession: [NM_181745](#)

UniProt: [Q7TMA4](#)

Pathways: [Hormone Transport](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 15 µL or 50 µL double distilled water (DDW), depending on the sample size.

Concentration: 1 mg/mL

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

Preservative: Sodium azide

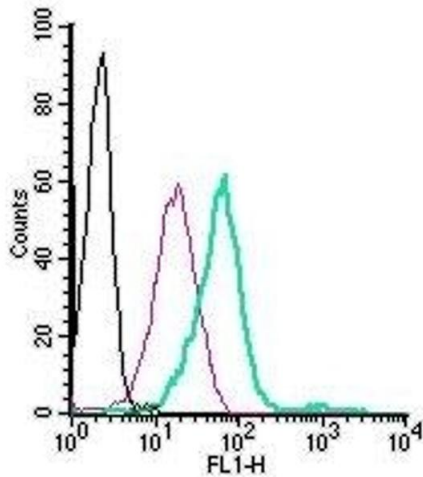
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.

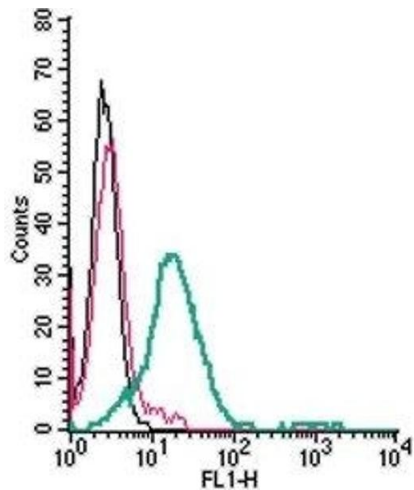
Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the

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 GPR120/FFAR4 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR120/FFAR4 (extracellular)-FITC Antibody (ABIN7043398, ABIN7045521, ABIN7045522, ABIN7045523 and ABIN7045524), (2.5 µg).



Flow Cytometry

Image 2. Cell surface detection GPR120/FFAR4 in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR120/FFAR4 (extracellular)-FITC Antibody (ABIN7043398, ABIN7045521, ABIN7045522, ABIN7045523 and ABIN7045524), (2.5 µg).