

Datasheet for ABIN7043176

**anti-GPR84 antibody (2nd Extracellular Loop) (FITC)****2** Images[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	GPR84
Binding Specificity:	2nd Extracellular Loop, AA 166-180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR84 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: CT(S)SFDRIRGRPYTT, corresponding to amino acid residues 166-180 of human GPR84
Isotype:	IgG
Characteristics:	Anti-GPR84 (extracellular) Antibody (ABIN7043175, ABIN7044443 and ABIN7044444) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunohistochemistry, and live cell flow cytometry applications. It has been designed to recognize GPR84 from human, rat, and mouse samples. \nAnti-GPR84 (extracellular)-FITC Antibody (ABIN7043175, ABIN7044443 and ABIN7044444)-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: GPR84

Alternative Name: GPR84 ([GPR84 Products](#))

Background: Alternative names: G-protein coupled receptor 84, Inflammation-related G-protein coupled receptor EX33

Gene ID: 53831

NCBI Accession: [NM\\_020370](#)

UniProt: [Q9NQS5](#)

## 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.

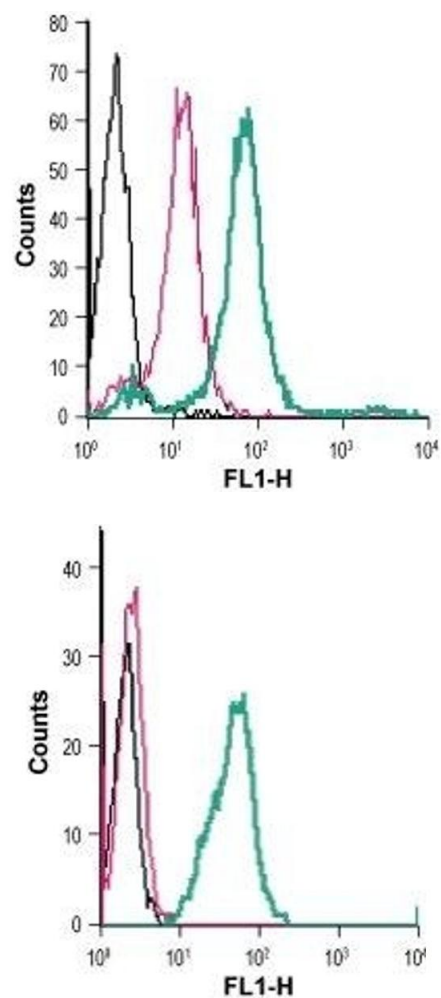
Preservative: Sodium azide

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 of GPR84 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR84 (extracellular)-FITC Antibody (ABIN7043176, ABIN7045554, ABIN7045555, ABIN7045556 and ABIN7045557), (2.5 µg).

Flow Cytometry

**Image 2.** Cell surface detection of GPR84 in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR84 (extracellular)-FITC Antibody (ABIN7043176, ABIN7045554, ABIN7045555, ABIN7045556 and ABIN7045557), (5 µg).