

Datasheet for ABIN7043154

**anti-GPR34 antibody (2nd Extracellular Loop) (FITC)**[Go to Product page](#)**2** Images

## Overview

Quantity:	15 µL
Target:	GPR34
Binding Specificity:	2nd Extracellular Loop, AA 197-209
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR34 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: Peptide CFHYRDRHNAKGE, corresponding to amino acid residues 197 - 209 of mouse GPR34
Isotype:	IgG
Characteristics:	<p>Anti-GPR34 (extracellular) Antibody (ABIN7043153, ABIN7044449 and ABIN7044450)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot and indirect flow cytometry applications. It has been designed to recognize GPR34 from human, mouse, and rat samples.</p> <p>Anti-GPR34 (extracellular)-FITC Antibody (ABIN7043153, ABIN7044449 and ABIN7044450)-F) is directly conjugated to fluorescein isothiocyanate (FITC). The antibody can be used in immunofluorescent applications such as direct live cell flow cytometry.</p>

## Product Details

Purification: Affinity purified on immobilized antigen.

## Target Details

Target: GPR34

Alternative Name: GPR34 ([GPR34 Products](#))

Background: Alternative names: G-protein coupled receptor 34

Gene ID: 23890

NCBI Accession: [NM\\_005300](#)

UniProt: [Q9R1K6](#)

## 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.

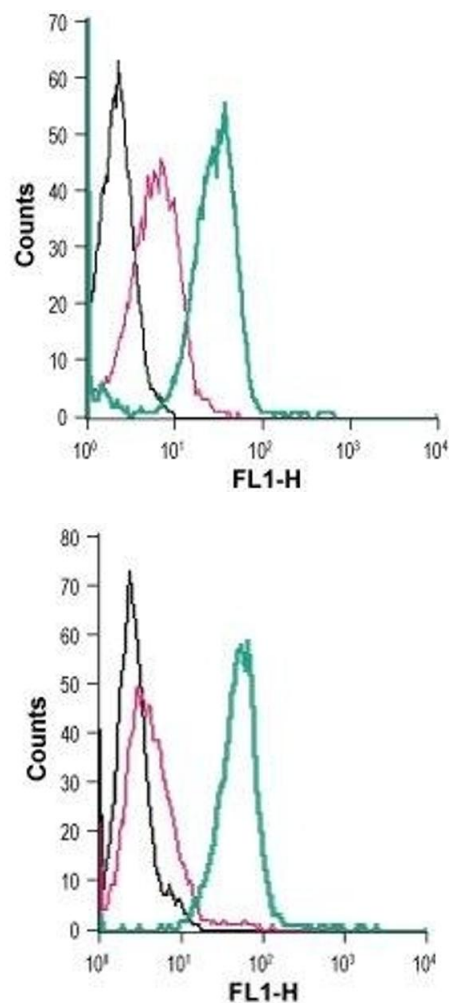
Preservative: Sodium azide

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 GPR34 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR34 (extracellular)-FITC Antibody (ABIN7043154, ABIN7045558, ABIN7045559, ABIN7045560 and ABIN7045561), (2.5 µg).

#### Flow Cytometry

**Image 2.** Cell surface detection of GPR34 in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR34 (extracellular)-FITC Antibody (ABIN7043154, ABIN7045558, ABIN7045559, ABIN7045560 and ABIN7045561), (2.5 µg).