

Datasheet for ABIN7043153
anti-GPR34 antibody (2nd Extracellular Loop)[Go to Product page](#)

3 Images

Overview

Quantity:	50 µL
Target:	GPR34
Binding Specificity:	2nd Extracellular Loop, AA 197-209
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR34 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: CFHYRDRHNAKGE, corresponding to amino acid residues 197 - 209 of mouse GPR34
Isotype:	IgG
Characteristics:	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.
Purification:	Affinity purified on immobilized antigen.

Target Details

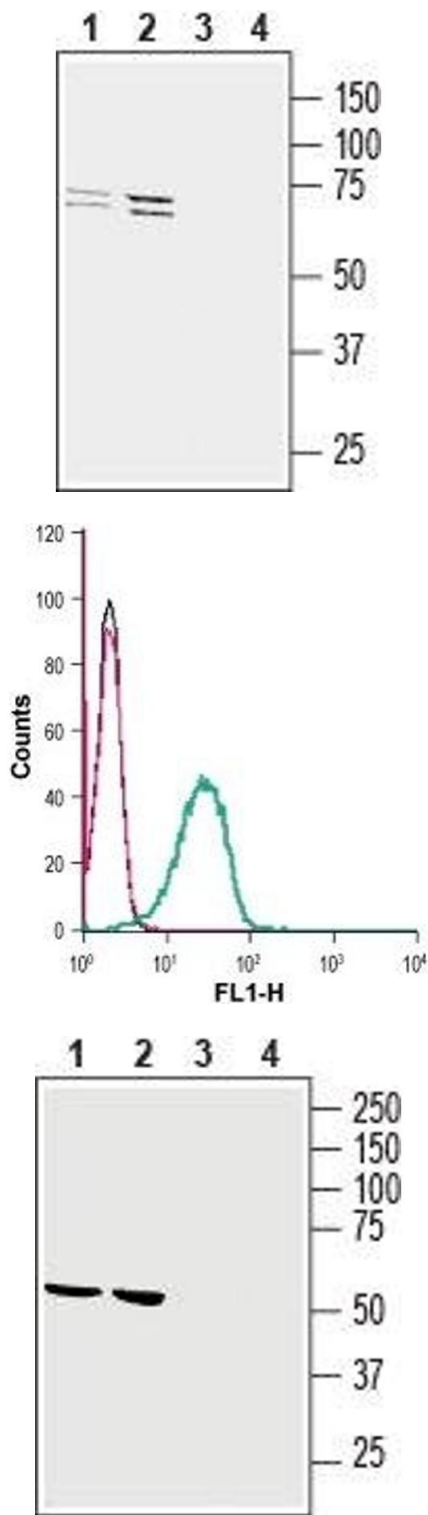
Target:	GPR34
Alternative Name:	GPR34 (GPR34 Products)
Background:	Alternative names: G-protein coupled receptor 34
Gene ID:	23890
NCBI Accession:	NM_005300
UniProt:	Q9R1K6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 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:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C 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).</p>



Western Blotting

Image 1. Western blot analysis of mouse BV-2 microglia cell line lysate (lanes 1 and 3) and human THP-1 monocytic leukemia cell line lysate (lanes 2 and 4): - 1,2. Anti-GPR34 (extracellular) Antibody (ABIN7043153, ABIN7044449 and ABIN7044450), (1:200). 3,4. Anti-GPR34 (extracellular) Antibody, preincubated with GPR34 (extracellular) Blocking Peptide (#BLP-GR055).

Flow Cytometry

Image 2. Cell surface detection of GPR34 in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-GPR34 (extracellular) Antibody (ABIN7043153, ABIN7044449 and ABIN7044450), (5 µg) + goat-anti-rabbit-FITC.

Western Blotting

Image 3. Western blot analysis of rat brain lysate (lanes 1 and 3) and mouse brain membranes (lanes 2 and 4): - 1,2. Anti-GPR34 (extracellular) Antibody (ABIN7043153, ABIN7044449 and ABIN7044450), (1:200). 3,4. Anti-GPR34 (extracellular) Antibody, preincubated with GPR34 (extracellular) Blocking Peptide (#BLP-GR055).