

Datasheet for ABIN7043172

anti-GPR77 antibody (Extracellular, N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	25 µL
Target:	GPR77
Binding Specificity:	AA 4-18, Extracellular, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR77 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)DSVSYEYGDYSDLSD, corresponding to amino acid residues 4-18 of human C5a anaphylatoxin chemotactic receptor 2
Isotype:	IgG
Cross-Reactivity (Details):	Will not recognize C5a Anaphylatoxin Chemotactic Receptor 2 from rat or mouse samples.
Characteristics:	Anti-Human C5aR2 (extracellular) Antibody (ABIN7043172, ABIN7043928 and ABIN7043929)) is a highly specific antibody directed against an epitope of human C5a anaphylatoxin receptor 2 (C5aR2, C5L2). The antibody can be used in western blot analysis. It recognizes an extracellular epitope and is likely to detect the receptor in living cells. It has been designed to recognize C5L2 from human samples only.
Purification:	Affinity purified on immobilized antigen.

Target Details

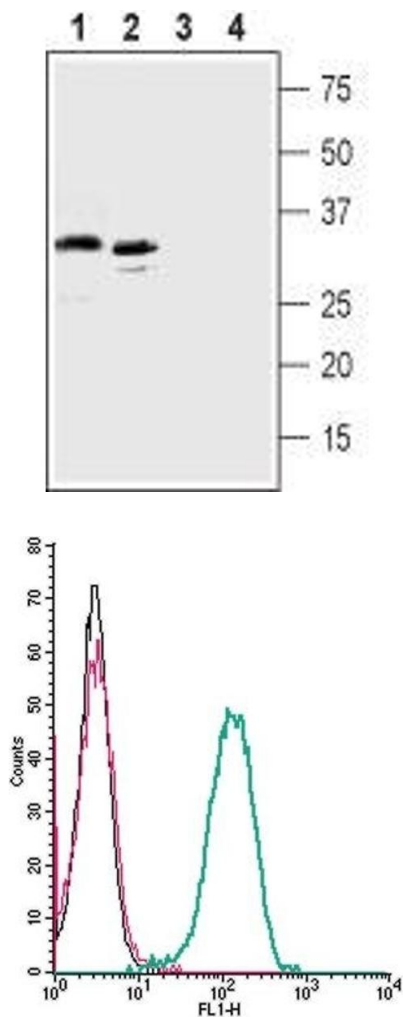
Target:	GPR77
Alternative Name:	C5aR2 (GPR77 Products)
Background:	Alternative names: C5aR2, C5a anaphylatoxin chemotactic receptor 2, C5a anaphylatoxin receptor 2, Complement component 5a receptor 2, G-protein coupled receptor 77, C5L2, GPR77
Gene ID:	27202
NCBI Accession:	NM_018485
UniProt:	Q9P296

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:	0.85 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 human MEG-O1 chronic myelogenous leukemia cell lines lysate (lanes 1 and 3) and human K562 erythroleukemia cell line lysate (lanes 2 and 4): - 1,2. Anti-Human C5aR2 (extracellular) Antibody (ABIN7043172, ABIN7043928 and ABIN7043929), (1:400).3,4. Anti-Human C5aR2 (extracellular) Antibody, preincubated with Human C5aR2 (extracellular) Blocking Peptide (#BLP-AR033).

Flow Cytometry

Image 2. Cell surface detection of C5aR2 by indirect flow cytometry in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Human C5aR2 (extracellular) Antibody (ABIN7043172, ABIN7043928 and ABIN7043929), (2.5 µg) + goat-anti-rabbit-FITC.