

Datasheet for ABIN7043081
anti-C3AR1 antibody (2nd Extracellular Loop)

2 Images

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Overview

Quantity:	50 µL
Target:	C3AR1
Binding Specificity:	2nd Extracellular Loop, AA 276-287
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C3AR1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)EDHETSPLDNSD, corresponding to amino acid residues 276-287 of human C3a anaphylatoxin receptor
Isotype:	IgG
Characteristics:	Anti-Human C3aR (extracellular) Antibody (ABIN7043081 and ABIN7043926)) is a highly specific antibody directed against an epitope of human C3a anaphylatoxin receptor. The antibody can be used in western blot and indirect live cell flow cytometry applications. It has been designed to recognize C3a receptor from human samples only.
Purification:	Affinity purified on immobilized antigen.

Target Details

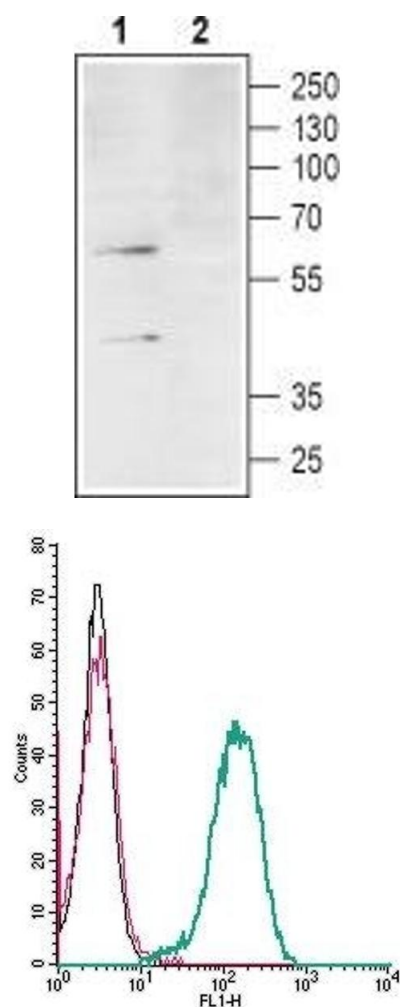
Target:	C3AR1
Alternative Name:	C3aR (C3AR1 Products)
Background:	Alternative names: C3aR, C3a anaphylatoxin chemotactic receptor, C3a anaphylatoxin receptor, Complement component 3a receptor 1, C3a receptor, C3AR1, C3R1, AZ3B, HNFAG09
Gene ID:	719
NCBI Accession:	NM_004054
UniProt:	Q16581
Pathways:	Complement System

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	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 differentiated HL-60 cell lysate: - 1. Anti-Human C3aR (extracellular) Antibody (ABIN7043081 and ABIN7043926), (1:200).2. Anti-Human C3aR (extracellular) Antibody, preincubated with Human C3aR (extracellular) Blocking Peptide (#BLP-AR031).

Flow Cytometry

Image 2. Cell surface detection of Human C3aR 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 + Anti-Human C3aR (extracellular) Antibody (ABIN7043081 and ABIN7043926), (2.5 µg) + goat-anti-rabbit-FITC.