

Datasheet for ABIN7505846

**anti-C3AR1 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	C3AR1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This C3AR1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Anti-Hu C3aR Purified
Immunogen:	Human C3aR transfectants
Clone:	HC3aRZ8
Isotype:	IgG2b
Specificity:	The mouse monoclonal antibody HC3aRZ8 recognizes an extracellular epitope of C3aR, a transmembrane chemotactic receptor for C3a anaphylatoxin.
Purification:	Purified by protein-A affinity chromatography.

## Target Details

Target:	C3AR1
Alternative Name:	C3aR ( <a href="#">C3AR1 Products</a> )

## Target Details

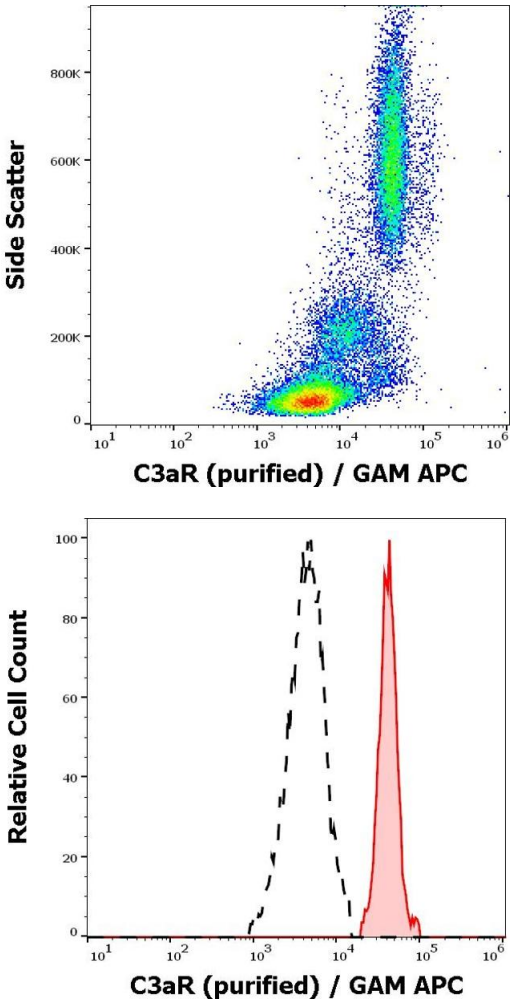
Background:	Complement C3a receptor 1,C3aR is a 7TM transmembrane protein associated with G proteins, and serves as a receptor for C3a complement fragment. It is expressed mainly on neutrophils, mast cells, basophils, eosinophils, dendritic cells, monocytes, and macrophages. Upon detection of its ligand, the activated C3aR signaling cascade results in degranulation, superoxide production, and chemotaxis.,AZ3B, HNFAG09
Gene ID:	719
UniProt:	<a href="#">Q16581</a>
Pathways:	<a href="#">Complement System</a>

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human C3aR (HC3aRZ8) purified antibody (concentration in sample 1,7 µg/mL, GAM APC).

### Flow Cytometry

**Image 2.** Separation of human neutrophil granulocytes (red-filled) from human lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human C3aR (HC3aRZ8) purified antibody (concentration in sample 1,7 µg/mL, GAM APC).