Datasheet for ABIN7014008

anti-GPR77 antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	GPR77
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GPR77 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	L1.2 cells transfected with human C5aR2
Clone:	1D9-M12
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody 1D9-M12 recognizes an extracellular epitope on C5aR2 (C5L2), a C5a complement receptor, which is coexpressed with C5aR1 (CD88) in neutrophils, as well as e.g. in mast cells, astrocytes, or macrophages.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	GPR77
Alternative Name:	C5aR2 (GPR77 Products)

Target Details

Background:	Complement component 5a receptor 2,C5aR2, also known as C5L2, is one of two receptors for C5a (anaphylatoxin). It is coexpressed with C5aR1 (CD88) in neutrophils, as well as e.g. in mast cells, astrocytes, or macrophages, and seems to have both pro-inflammatory and anti-inflammatory roles, depending on circumstances. Unlike CD88, C5aR2 is not coupled to G-protein, thus the modulatory role is more likely.,C5L2, GPR77, GPF77
Gene ID:	27202
UniProt:	Q9P296

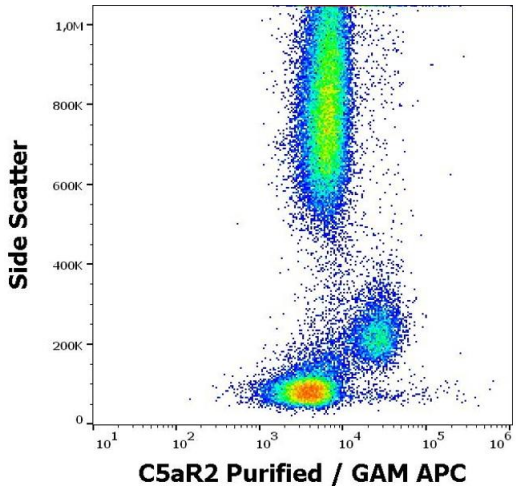
Application Details

Application Notes:	Flow cytometry: Recommended dilution: 2-6 µg/mL
Restrictions:	For Research Use only

Handling

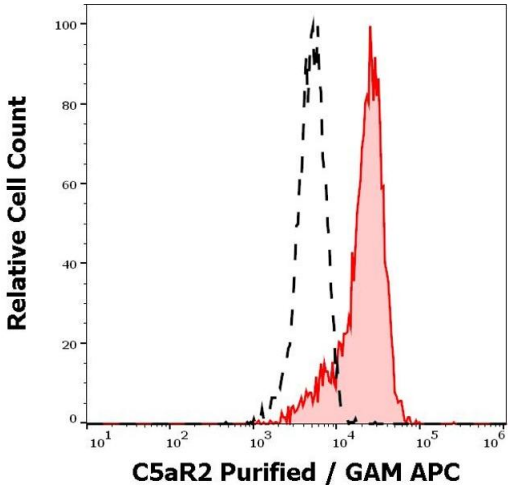
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human C5aR2 (1D9-M12) Purified antibody (concentration in sample 5,0 µ g/mL, GAM APC).



Flow Cytometry

Image 2. Separation of monocytes stained using anti-C5aR2 (1D9-M12) purified antibody (concentration in sample 5,0 µg/mL, GAM-APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).