Datasheet for ABIN94001

anti-CD177 antibody

2 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	CD177
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD177 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Human granulocytes
Clone:	MEM-166
Isotype:	IgG1
Specificity:	The antibody MEM-166 reacts with CD177 (Neutrophil specific antigen 1), a 60 kDa GPI-linked cell surface glycoprotein of uPAR family, expressed on granulocytes and in bone marrow early erythroblasts, megakaryocytes, promyelocytes and myelocytes.
Cross-Reactivity (Details):	Non-Human Primates, Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

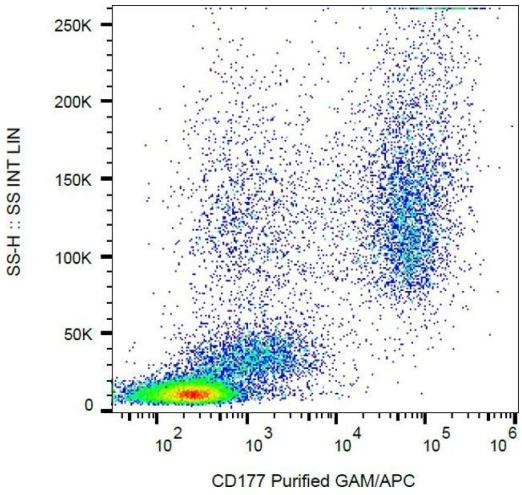
Target:	CD177
Alternative Name:	CD177 (CD177 Products)
Background:	CD177 Molecule,CD177 (NB1/HNA-2a and PRV-1 form) is a GPI-anchored glycoprotein present mainly on neutrophils. Its plasma membrane expression is increased during pregnancy and and inflammation or after G-CSF application. Ligand of CD177 has been identified as CD31 (PECAM-1). CD177 participates in neutrophil transmigration and seems to be also a pro-proliferative molecule. The antibodies against CD177 can be involved in neonatal alloimmune neutropenia (NAN).,NB1, PRV1, HNA2A
Gene ID:	57126
UniProt:	Q8N6Q3

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1 µg/mL. Western blotting: Non-reducing conditions.
Restrictions:	For Research Use only

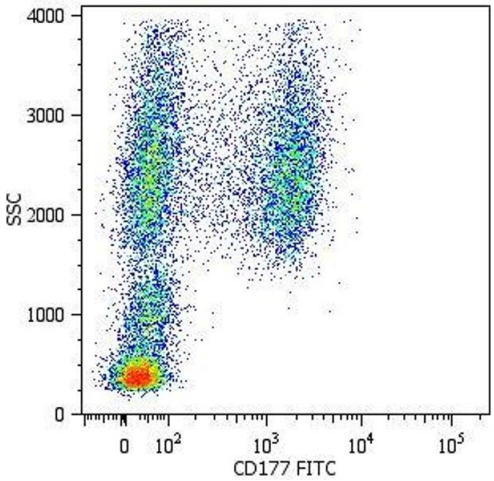
Handling

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.
Handling Advice:	**Do not freeze.**
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry (surface staining) of human peripheral blood cells with anti-CD177 (MEM-166) purified, GAM-APC.



Flow Cytometry

Image 2. Surface staining of human peripheral blood cells with anti-CD177 (MEM-166) FITC.

