Datasheet for ABIN6559824

anti-SIRPB1 antibody

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Overview

Quantity:	100 µg
Target:	SIRPB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRPB1 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD172b Purified
Immunogen:	NIH-3T3 cells transfected with human CD172b
Clone:	B4B6
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody B4B6 recognizes an extracellular epitope of CD172b, an approximately 50 kDa transmembrane glycoprotein expressed on myeloid cells.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

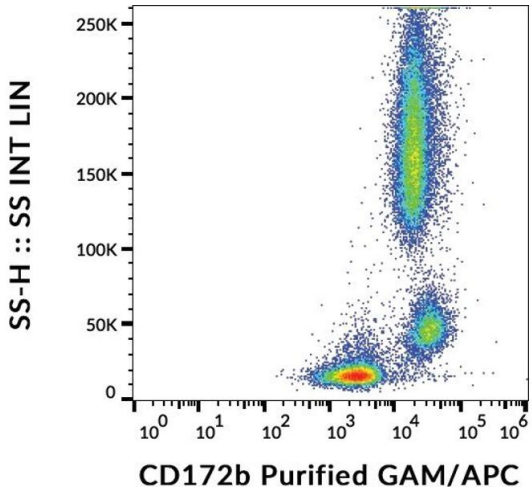
Target:	SIRPB1
Alternative Name:	CD172b (SIRPB1 Products)
Background:	Signal regulatory protein beta 1,CD172b, the signal-regulatory protein beta (SIRP beta) is a disulfide-linked homodimer expressed on myeloid cells including monocytes and dendritic cells. Similarly to CD172a, it serves as a negative regulator of tyrosine kinase-coupled signaling processes. Unlike CD172a, the CD172b protein does not possess the cytoplasmic domain, but instead its transmembrane domain can interact with another transmembrane protein DAP-12, which contains ITAM sequences in its intracellular domain and links CD172b to the downstream signaling molecules. The result is e.g. regulation of neutrophil transepithelial migration.,SIRPB1
Gene ID:	10326
UniProt:	O00241

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 analysis (surface staining) of human peripheral blood cells with anti-human CD172b (B4B6) purified, GAM-APC.