Human SIRPβ1/CD172b Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 308908

Catalog Number: FAB20961G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SIRPβ1/CD172b in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 308908
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human SIRPβ1/CD172b Gly26-Ala369 (Arg53His and Ala363Pro) Accession # O00241.4
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Human Peripheral Blood Granulocytes

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

SIRPβ1 is a type I transmembrane protein belonging to the SIRP family within the Ig superfamily. Members of this family are characterized by an extracellular region containing a V-set Ig domain containing a J-like sequence and two C1-set Ig domains. Unlike SIRPα that has cytoplasmic ITIM domains, SIRPβ1 possesses positively charged residues that allow association with ITAM motif containing adaptor molecules. SIRPβ1 is expressed on cells of monocyte, macrophage or dendritic lineages.

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