

Anti-Hu CD108 Purified SEMA7A Monoclonal Antibody

Catalog Number: M03832

About SEMA7A

CD108 (Sema7A) is a GPI-anchored semaphorin family member, which enhances central and peripheral axonal growth and is required for proper axon track formation during embryogenesis. CD108 also regulates osteoclast differentiation and pre-osteoblastic cell migration, and in immune system affects cell proliferation, chemotaxis and cytokine release. On erythrocytes CD108 defines the JMH (John-Milton-Hagen) human blood group. CD108 signals through its receptors –; plexin C1 and beta1 integrins.

Overview

Product Name	Anti-Hu CD108 Purified SEMA7A Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD108 Purified SEMA7A Monoclonal Antibody (Catalog# M03832). Tested in Flow Cytometry, IP, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal MEM-150
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	O75326

Technical Details

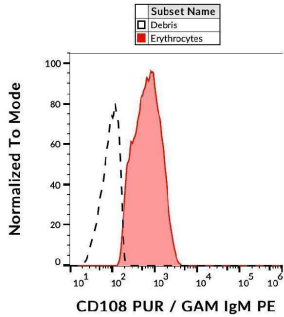
Immunogen	HPB-ALL human T cell line. The antibody MEM-150 reacts with CD108 (JMH blood group antigen), a 80 kDa GPI-anchored extracellular glycoprotein expressed on various cell types including erythrocytes, lymphoblasts; at low levels it is present on circulating lymphocytes.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgM
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).

Suggested Dilutions

Flow cytometry: 4 ug/ml.

Western blotting: Non-reducing conditions.

Anti-Hu CD108 Purified SEMA7A Monoclonal Antibody (M03832) Images



Flow cytometry analysis (surface staining) of human peripheral blood with anti-human CD108 (MEM-150) purified, GAM IgM PE.

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