

**30-1173: Anti-CD108 / Semaphorin 7a Monoclonal Antibody (Clone:MEM-150)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-150
<b>Application :</b>	FACS, IP, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	SEMA7A
<b>Gene ID :</b>	8482
<b>Uniprot ID :</b>	O75326
<b>Format :</b>	Purified
<b>Alternative Name :</b>	SEMA7A,CD108,SEMAL
<b>Isotype :</b>	Mouse IgM
<b>Immunogen Information :</b>	HPB-ALL human T cell line

**Description**

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 signalizes through its receptors - plexin C1 and beta1 integrins.

**Product Info**

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by precipitation and chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

**Application Note**

**Flow Cytometry** *Recommended dilution:* 4 Åµg/ml

**Immunoprecipitation Western Blotting** *Application note:* Non-reducing conditions.