

**30-1012: Anti-CD42b / GPIb alpha Monoclonal Antibody (Clone:HIP1)-Azide free(Discontinued)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HIP1
<b>Application :</b>	FACS, IHC-Fr, Functional Assay
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Gene :</b>	GP1BA
<b>Gene ID :</b>	2811
<b>Uniprot ID :</b>	P07359
<b>Format :</b>	Azide free
<b>Alternative Name :</b>	GP1BA
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Peripheral blood mononuclear cells of a patient suffering with CLL.

**Description**

CD42b (GPIb alpha) composes together with GPIb beta, GPIX and GPV the GPIb-IX-V receptor complex critical in the process of platelet-rich thrombus formation by tethering the platelet to a thrombogenic surface. CD42b binds to von Willebrand factor (VWF) exposed at a site of vascular injury, as well as to thrombin, coagulation factors XI and XII, high molecular weight kininogen, TSP-1, integrin Mac-1 and P-selectin. The extracellular domain of CD42b by its interactions also contributes to metastasis.

**Product Info**

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

**Application Note**

**Flow Cytometry Immunohistochemistry (frozen sections) Functional Application** The antibody HIP1 inhibits the ristocetin-dependent binding of von Willebrand Factor (vWF) to platelets and ristocetin-induced platelet agglutination.