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## 30-1529: Anti-CD42a Monoclonal Antibody (Clone:GR-P)

Clonality: Monoclonal

Clone Name : GR-P Application : FACS

**Reactivity:** Human, Dog

Gene : GP9
Gene ID : 2815
Uniprot ID : P14770
Format : Purified
Alternative Name : GP9

**Isotype:** Mouse IgG1

Immunogen Information: Human acute lymphoblastic leukemia cells

## **Description**

CD42a, also known as Glycoprotein 9 (GPIX), composes together with GPIb alpha, GPIb beta 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 wight kininogen, TSP-1, integrin Mac-1 and P-selectin. Defects in the gene encoding CD42a are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency.

## **Product Info**

Amount: 0.1 mg

**Purification :** Purified by protein-A affinity chromatography

**Storage condition :** Store at 2-8°C. Do not freeze.