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30-1816: Anti-CD42a Monoclonal Antibody (Clone:GR-P)-APC Conjugated

Clonality: Monoclonal

Clone Name : GR-P Application : FACS

Reactivity: Human, Dog

Conjugate: APC
Gene: GP9
Gene ID: 2815
Uniprot ID: P14770
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: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

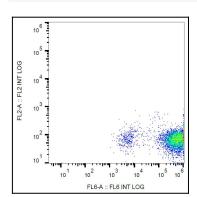


Figure 1: Surface staining of human platelets with anti-CD42a (GR-P) APC.