

### 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 weight 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.

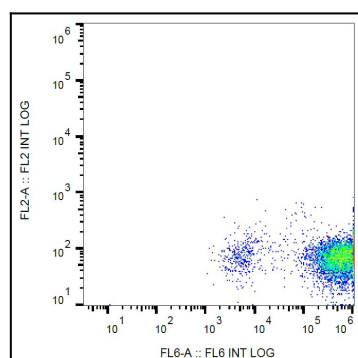


Figure 1: Surface staining of human platelets with anti-CD42a (GR-P) APC.