

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	GR-P
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human, Dog
<b>Conjugate :</b>	APC
<b>Gene :</b>	GP9
<b>Gene ID :</b>	2815
<b>Uniprot ID :</b>	P14770
<b>Alternative Name :</b>	GP9
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

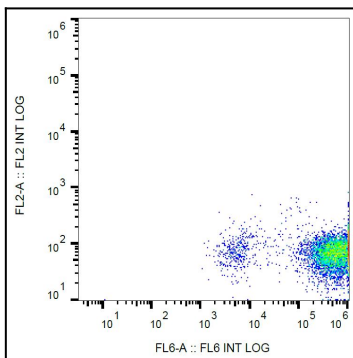


Figure 1: Surface staining of human platelets with anti-CD42a (GR-P) APC.