

30-2104: Anti-CD42a Monoclonal Antibody (Clone:GR-P)-FITC Conjugated

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| Clonality : | Monoclonal |
| Clone Name : | GR-P |
| Application : | FACS |
| Reactivity : | Human, Dog |
| Conjugate : | FITC |
| 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

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