

Product datasheet for **SM1105P**

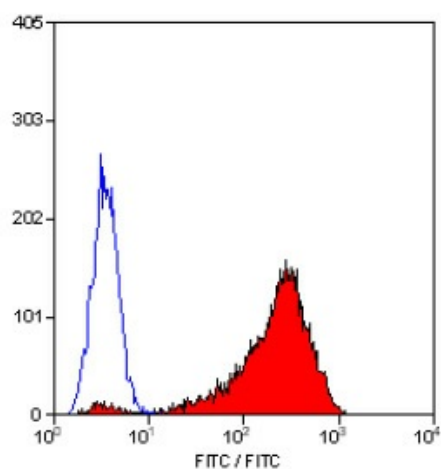
CD42b / GPIbA Mouse Monoclonal Antibody [Clone ID: AK2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AK2
Applications:	FC
Recommended Dilution:	Flow cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 100µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the CD42b cell surface antigen, also known as platelet glycoprotein GP1B. Clone AK2 has been reported to block the binding of von Willebrand Factor (VWF) to platelets. We recommend the use of SM1105A for this purpose.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glycoprotein Ib platelet alpha subunit
Database Link:	Entrez Gene 2811 Human P07359
Background:	CD42b is expressed by platelets and megakaryocytes.
Synonyms:	Platelet glycoprotein Ib alpha chain, Glycoprotein Ibalpha, GP-Ib alpha, GPIb-alpha



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Product images:

Staining of human peripheral blood platelets with
MOUSE ANTI HUMAN CD42b