

Product datasheet for **SM1105F**

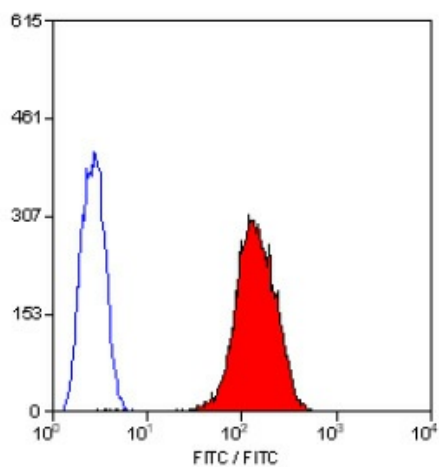
CD42b / GPIbA Mouse Monoclonal Antibody [Clone ID: AK2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AK2
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody 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, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
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. This product is photosensitive and should be protected from light.
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-FITC