

Monoclonal Antibody to CD42b / GPIbA - FITC

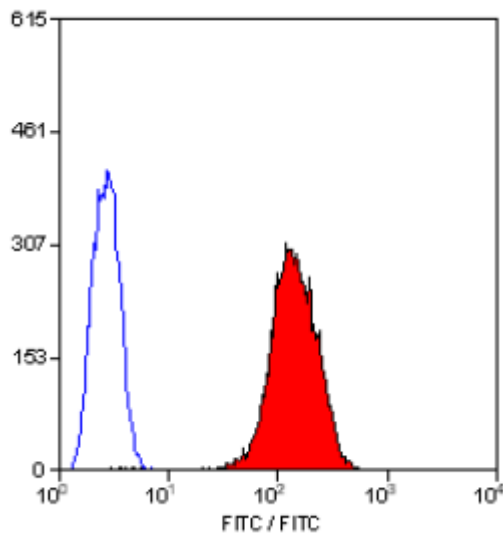
Alternate names:	GP-Ib alpha, GPIb-alpha, Glycoprotein Ibalpha, Platelet glycoprotein Ib alpha chain
Catalog No.:	SM1105F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD42b is expressed by platelets and megakaryocytes.
Uniprot ID:	P07359
NCBI:	9606
Host / Isotype:	Mouse / IgG1
Clone:	AK2
Format:	State: Liquid purified IgG fraction. Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 100µl whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.
General References:	1. Ward, C.M. & Berndt, M.C. Epitope and functional characterization of the CD42 (gPIb/IX) mAb panel. In: Leucocyte Typing V. White Cell Differentiation Antigens. Volume Two. 1995. Oxford University Press. Oxford.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of human peripheral blood platelets with Mouse Anti Human CD42b-FITC

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