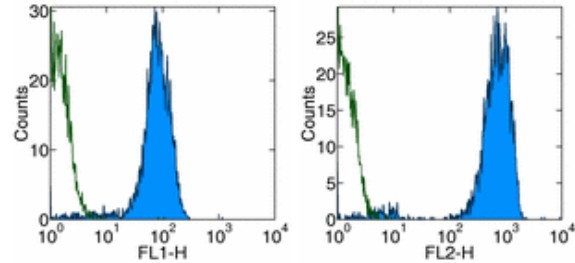


Product Information

Contents: Affinity Purified anti-human CD42b
Catalog Number: 14-0429
Sizes: 25 ug, 100 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
Clone: HIP1
Isotype: Mouse IgG1, κ
HLDA No.: IV P40



Surface staining of human platelets with anti-human CD42b (HIP1) FITC (left), and PE (right). Appropriate isotype controls were used (open histogram). Total cells were used for analysis.

Available Formats of This Product				
Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0429	FITC anti-human CD42b	488	518	FC
12-0429	PE anti-human CD42b	488	575	FC
14-0429	Affinity Purified anti-human CD42b	N/A	N/A	FA FC IHC WB
16-0429	Functional Grade* Purified anti-human CD42b	N/A	N/A	FA FC

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg.
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

Description

The HIP1 monoclonal antibody reacts with the human CD42b molecule, a 135 kDa transmembrane protein also known as platelet gpIb.

Usage

For research use only, not for diagnostic or therapeutic use. The HIP1 antibody has been reported for use in flow cytometric analysis, *in vitro* blocking of human CD42b, immunoblotting (WB), and immunohistochemical staining. (Please use Functional Grade purified HIP1, cat. 16-0429, in functional assays.)

Applications Tested

The HIP1 antibody has been tested by flow cytometric analysis of human platelets and can be used less than or equal to 1 μg per 100 μl blood (or per 1 million cells in 100 μl total staining volume). It is recommended that the antibodies be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 11-0429 FITC anti-human CD42b (clone HIP1)
Cat. 12-0429 PE anti-human CD42b (clone HIP1)
Cat. 16-0429 Functional Grade Purified anti-human CD42b (clone HIP1)
Cat. 11-4011 FITC Anti-Mouse IgG
Cat. 13-4013 Biotin Anti-Mouse IgG (clone Polyclonal)
Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317 Streptavidin-PE (Phycoerythrin)
Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control
Cat. 18-8877 Mouse TrueBlot™: Horseradish Peroxidase (HRP) anti-mouse IgG

References

Schlossman, S., L. Bloumsell, et al. eds (1995). *Leucocyte Typing V: White Cell Differentiation Antigens*. Oxford University Press. New York.

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