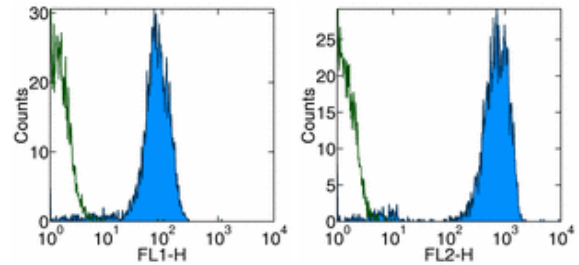


Product Information

Contents: Functional Grade Purified anti-human CD42b
Catalog Number: 16-0429
Sizes: 50 ug, 500 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, No NaN₃
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
KEEP CONTENT STERILE.
Endotoxin Level: Less than 0.001 ng/ug antibody, as determined
by the LAL assay.
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. It has also been reported in *in vitro* blocking of human CD42b.

Applications Tested

The HIP1 antibody has been tested by flow cytometric analysis of human platelets. This can be used at 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 antibody 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. 14-0429 Affinity 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. 16-4714 Functional Grade Purified Mouse IgG1, K Isotype Control

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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