

CD235a (Glycophorin A) Monoclonal Antibody (HIR2 (GA-R2)), Super Bright™ 436, eBioscience™

Product Details	
Size	25 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), Super Bright™ 436, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	HIR2 (GA-R2)
Conjugate	Super Bright™ 436
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2784844

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	10 Publications

Product Specific Information

Description: The HIR2 monoclonal antibody reacts with human glycophorin A, a sialoglycoprotein expressed by erythroid precursors and mature circulating red cells.

Applications Reported: This HIR2 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This HIR2 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

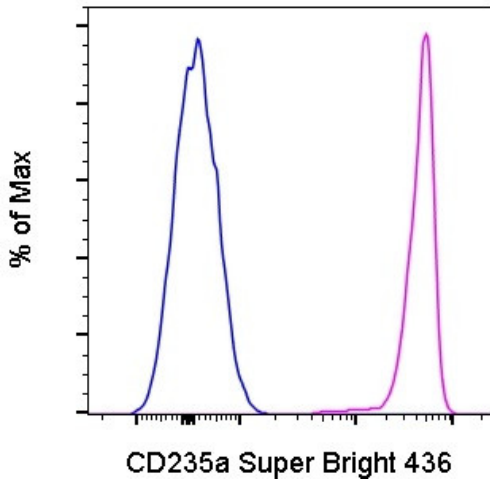
Super Bright 436 can be excited with the violet laser line (405 nm) and emits at 436 nm. We recommend using a 450/50 bandpass filter, or equivalent. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.

Excitation: 405 nm; Emission: 436 nm; Laser: Violet Laser

Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

Product Images For CD235a (Glycophorin A) Monoclonal Antibody (HIR2 (GA-R2)), Super Bright™ 436, eBioscience™



CD235a (Glycophorin A) Antibody (62-9987-41) in Flow

Normal human peripheral blood cells were stained with Mouse IgG2b K Isotype Control, Super Bright 436 (Product # 62-4732-82) (blue histogram) or CD235a Monoclonal Antibody, Super Bright 436 (purple histogram). All non-leukocytes were used for analysis.

[View more figures on thermofisher.com](#)

10 References

Flow Cytometry (10)

Molecules and cells

Negative Regulation of Erythroid Differentiation via the CBX8-TRIM28 Axis.

"Published figure using CD235a (Glycophorin A) monoclonal antibody (Product # 62-9987-42) in Flow Cytometry"

Authors: Kim HJ, Park JW, Kang JY, Seo SB

Year
2021

Frontiers in cell and developmental biology

Polycomb Factor PHF19 Controls Cell Growth and Differentiation Toward Erythroid Pathway in Chronic Myeloid Leukemia Cells.

"Published figure using CD235a (Glycophorin A) monoclonal antibody (Product # 62-9987-42) in Flow Cytometry"

Authors: García-Montolio M, Ballaré C, Blanco E, Gutiérrez A, Aranda S, Gómez A, Kok CH, Yeung DT, Hughes TP, Vizán P, Di Croce L

Year
2021

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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