

Product Data Sheet

Purified anti-human CD235ab

Catalog # / Size: 306602 / 100 µg

Clone: HIR2

Isotype: Mouse IgG2b, κ

Workshop Number: VII 70299

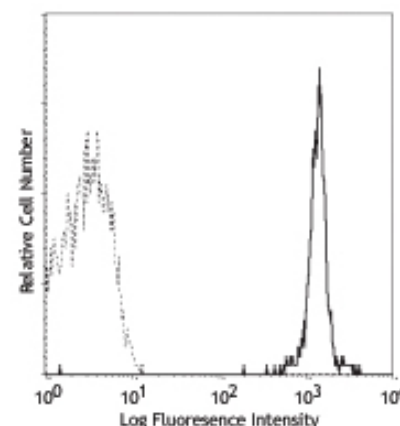
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Human red blood cells stained with CD235a/b PE

Applications:

Applications: FC - *Quality tested*
 CyTOF® - *Validated*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.125 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Mason D, *et al.* Eds. 2002. Leucocyte Typing VII. Oxford University Press. New York.

Description: The HIR2 antibody reacts with a common epitope of glycophorin A (CD235a) and glycophorin B (CD235b). Glycophorin A is the major sialoglycoprotein expressed on red blood cell membrane, and erythroid precursors. Glycophorin A shares strong homology with glycophorin B. The HIR2 antibody recognizes human RBCs and erythroid precursors and is useful in erythroid cell development studies. Mature, non-nucleated red blood cells are characteristically glycophorin A positive, but CD45 and CD71 negative.

Antigen References: 1. Mason D, *et al.* Eds. 2002. Leucocyte Typing VII. Oxford University Press. New York.

Related Products:

Product
 APC Goat anti-mouse IgG (minimal x-reactivity)
 Purified Mouse IgG2b, κ Isotype Ctrl
 PE Goat anti-mouse IgG (minimal x-reactivity)
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone
 Poly4053
 MPC-11
 Poly4053

Application
 FC
 FC, ICFC, ICC, IF, IHC, IP, WB
 FC
 FC, ICC, ICFC
 FC, ICFC



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