

anti-human CD235ab FITC-conjugated

The antibody HIR2 recognizes N-terminal portion of glycophorin A and weakly of glycophorin B. Their antigens are expressed on early erythroblasts, late erythroblasts, erythroblasts, mature erythrocytes and the cells of erythroid cell lines K562 and HEL, but not on all other cells. Mature, non-nucleated red blood cells are characteristically glycophorin A positive, but CD45 and CD71 negative.

HLDA VII; WS Code 70299

CD235ab is a transmembrane sialoglycoprotein expressed on erythrocytes and their precursors. Similarly to glycophorin B (GPB) these molecules provide the cells with a large mucin-like surface, which minimalizes aggregation between erythrocytes in the circulation. GPA is the carrier of blood group M and N specificities, while GPB accounts for S, s and U specificities.

Clone:	HIR2
Isotype:	Mouse IgG2b
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with Fluorescein isothiocyanate (FITC)
Buffer:	PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	<ul style="list-style-type: none"><input type="checkbox"/> *Nakahata T and Okumura N.: 1994;13: 401.<input type="checkbox"/> *Rogers CE and others: 1996; 24: 597.<input type="checkbox"/> Bain BJ.: Gower Medical Publishing; 1990.<input type="checkbox"/> Keren DF and others: Chicago, IL: ASCP Press; 1994.<input type="checkbox"/> *Yajima A and others: 2008;52(2):69-77.
Quantity:	1.0 ml
Order N°:	H12223F

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

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