

30-1288: Anti-CD235ab / Glycophorin A Monoclonal Antibody (Clone:HIR2)

Clonality :	Monoclonal
Clone Name :	HIR2
Application :	FACS
Reactivity :	Human
Gene :	GYPA
Gene ID :	2993
Uniprot ID :	P02724
Format :	Purified
Alternative Name :	GYPA,GPA
Isotype :	Mouse IgG2b
Immunogen Information :	Synthetic peptide (Human, N-terminal)

Description

CD235a (Glycophorin A, GPA) 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. CD235a is a receptor of Hsa, an *Streptococcus* adhesin.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry This HIR2 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes and cell agglutination assay and can be used at approximately 0.1 µg per million cells. **Immunohistochemistry (frozen sections)**
Agglutination The antibody HIR2 agglutinates untreated RBCs but failes to agglutinate papain-treated cells.