

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HIR2
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	GYP A
<b>Gene ID :</b>	2993
<b>Uniprot ID :</b>	P02724
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GYP A,GPA
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	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 fails to agglutinate papain-treated cells.