

Recombinant Anti-CD236 Rabbit mAb

Catalog # AP95236

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	P04921
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	13811

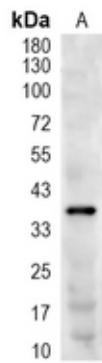
Additional Information

Gene ID	2995
Other Names	GLPC; GPC; Glycophorin-C; Glycoconnectin; Glycophorin-D; GPD; Glycoprotein beta; PAS-2'; Sialoglycoprotein D; CD236
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human CD236 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

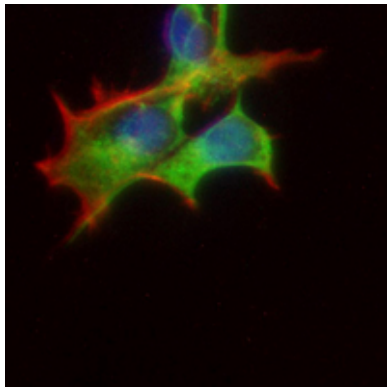
Protein Information

Name	GYPC
Synonyms	GLPC, GPC
Function	This protein is a minor sialoglycoprotein in human erythrocyte membranes. The blood group Gerbich antigens and receptors for Plasmodium falciparum merozoites are most likely located within the extracellular domain. Glycophorin-C plays an important role in regulating the stability of red cells.
Cellular Location	Cell membrane; Single-pass type III membrane protein. Note=Linked to the membrane via band 4.1
Tissue Location	Glycophorin-C is expressed in erythrocytes. Glycophorin-D and IsoGPC are ubiquitously expressed

Images



Western blot analysis of CD236 expression in K562 (A) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 39 kD)



Immunofluorescent analysis of CD236 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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