

## CD236 Polyclonal Antibody

<b>Catalog No :</b>	YT5950
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	CD236
<b>Fields :</b>	>>Malaria
<b>Gene Name :</b>	GYPC GLPC GPC
<b>Protein Name :</b>	Glycophorin-C (Glycoconnectin) (Glycophorin-D) (GPD) (Glycoprotein beta) (PAS-2') (Sialoglycoprotein D) (CD antigen CD236)
<b>Human Gene Id :</b>	2995
<b>Human Swiss Prot No :</b>	P04921
<b>Mouse Gene Id :</b>	71683
<b>Mouse Swiss Prot No :</b>	Q78HU7
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 11-60
<b>Specificity :</b>	The antibody detects endogenous CD236
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, ELISA 1:10000-20000. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Background :** Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012],

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**Function :** 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.,online information:Blood group antigen gene mutation database,online information:Glycophorin C entry,polymorphism:GYPC is responsible for the Gerbich blood group system.,subcellular location:Linked to the membrane via Band 4.1.,tissue specificity:Glycophorin C is expressed in erythrocytes. Glycophorin D is ubiquitous.,

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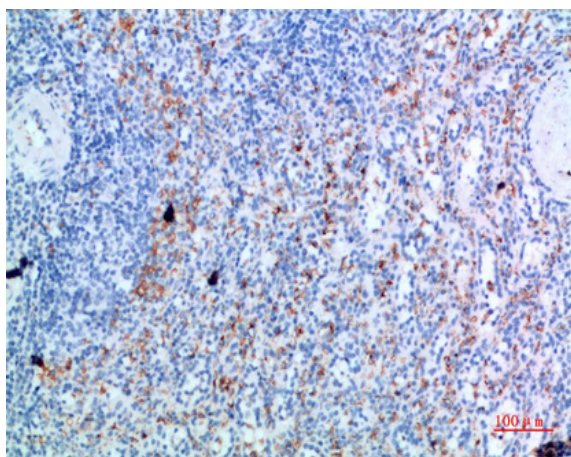
**Subcellular Location :** Cell membrane; Single-pass type III membrane protein. Linked to the membrane via band 4.1.

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**Expression :** Glycophorin-C is expressed in erythrocytes. Glycophorin-D and IsoGPC are ubiquitously expressed.

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## Products Images



Immunohistochemical analysis of paraffin-embedded human spleen, antibody was diluted at 1:200