

**CD236 rabbit pAb****Cat#: orb771579 (Manual)**

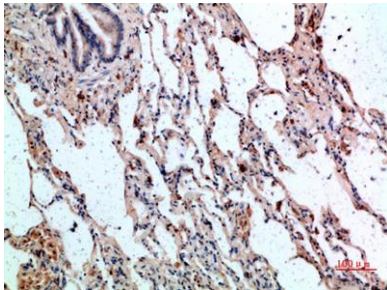
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<b>Product Name</b>	CD236 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from 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>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Glycophorin-C (Glycoconnectin) (Glycophorin-D) (GPD) (Glycoprotein beta) (PAS-2') (Sialoglycoprotein D) (CD antigen CD236)
<b>Gene Name</b>	GYPC GLPC GPC
<b>Cellular localization</b>	Cell membrane; Single-pass type III membrane protein. Linked to the membrane via band 4.1.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

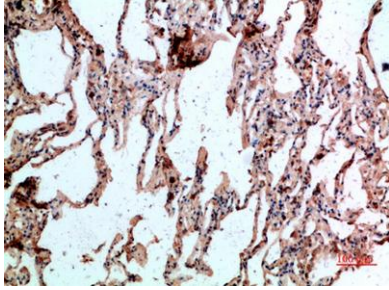
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2995
<b>Human Swiss-Prot Number</b>	P04921
<b>Alternative Names</b>	Glycophorin-C (Glycoconnectin;Glycophorin-D;GPD;Glycoprotein beta;PAS-2';Sialoglycoprotein D;CD antigen CD236)

**Background**

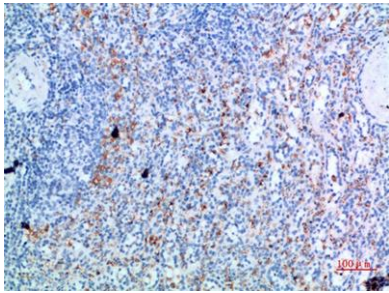
Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion 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],



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



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



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