**Product Name: CD236 Rabbit Polyclonal Antibody**
**Catalog #: APRab08296**

## Summary

| | |
|---|---|
| **Production Name** | CD236 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | IHC-P,IF-P,IF-F,ICC/IF,ELISA |
| **Reactivity** | Human,Rat,Mouse |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| **Purification** | Affinity purification |

## Immunogen

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|---|---|
| **Gene Name** | GYPC GLPC GPC |
| **Alternative Names** | Glycophorin-C (Glycoconnectin;Glycophorin-D;GPD;Glycoprotein beta;PAS-2';Sialoglycoprotein D;CD antigen CD236) |
| **Gene ID** | 2995.0 |
| **SwissProt ID** | P04921.Synthetic peptide from human protein at AA range: 11-60 |

## Application

| | |
|---|---|
| **Dilution Ratio** | IHC-P 1:50-200, ELISA 1:10000-20000, IF-P/IF-F/ICC/IF 1:50-200 |
| **Molecular Weight** | |

## Background

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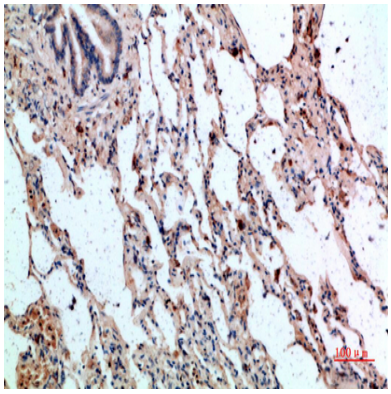
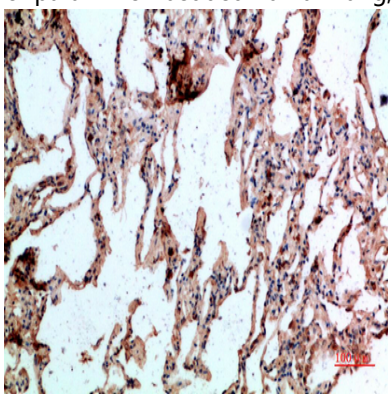
Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion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

## Research Area

## Image Data



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



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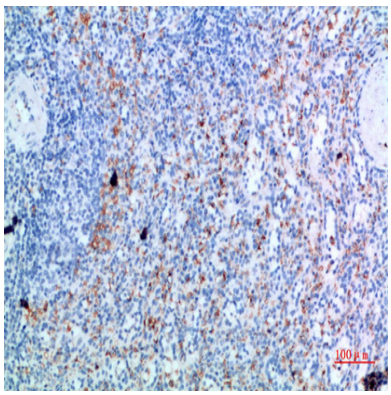

Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200

## Note

For research use only.