# Rabbit anti-Human GYPC Polyclonal Antibody | anti-GYPC antibody

GYPC Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA306993** | **Rabbit** | **Human** | **Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

GYPC; Polyclonal Antibody; GYPC Antibody; CD236; CD236R; GE; GPC; anti-GYPC antibody

## PRODUCT SPECIFICATIONS

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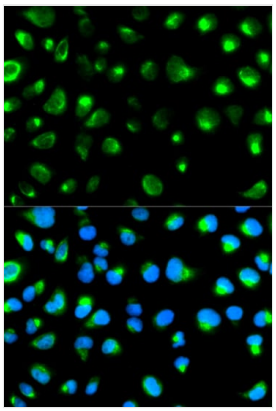
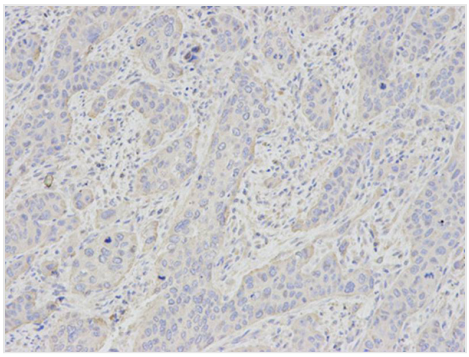
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Specificity** | The antibody detects endogenous level of total GYPC protein. |
| **Purity/Purification** | Antibodies were purified by affinity purification using immunogen. |
| **Form/Format** | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1.0 mg/ml (varies by lot) |
| **Sequence Length** | 107 |
| **Applicable Applications for anti-GYPC antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen Type** | Recombinant Protein |
| **Immunogen Description** | Recombinant protein of human GYPC. |
| **Target Name** | GYPC |
| **Preparation and Storage** | Store at -20 degree C |

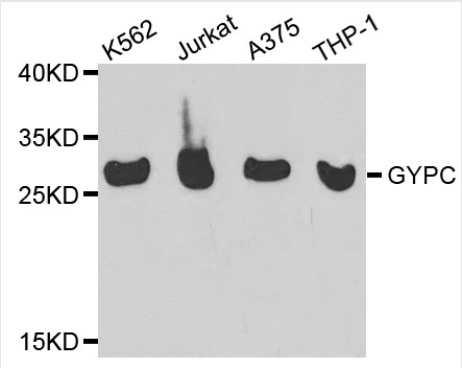
## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence analysis of MCF7 cell using GYPC antibody. Blue: DAPI for nuclear staining.



**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of paraffin-embedded human esophageal cancer using GYPC antibody at dilution of 1:200 (200x lens).




**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using GYPC antibody.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-GYPC antibody** | 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. |
| **Product Categories/Family for anti-GYPC antibody** | Total protein Ab |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 375268693 |
| **NCBI GeneID** | 2995 |
| **NCBI Accession #** | NP_001243513.1 |
| **NCBI GenBank Nucleotide #** | NM_001256584.1 |
| **UniProt Accession #** | P04921; Q53SV9; Q92642; B2R522 |
| **Molecular Weight** | 11,910 Da |
| **NCBI Official Full Name** | glycophorin-C isoform 3 |
| **NCBI Official Synonym Full Names** | glycophorin C (Gerbich blood group) |
| **NCBI Official Symbol** | GYPC |
| **NCBI Official Synonym Symbols** | GE; GPC; GPD; GYPD; CD236; PAS-2; CD236R; PAS-2' |
| **NCBI Protein Information** | glycophorin-C |
| **UniProt Protein Name** | Glycophorin-C |
| **UniProt Gene Name** | **GYPC** |
| **UniProt Synonym Gene Names** | GLPC; GPC; GPD |
| **UniProt Entry Name** | GLPC_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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