Rabbit GYPC Polyclonal Antibody | anti-GYPC antibody

GYPC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37076	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

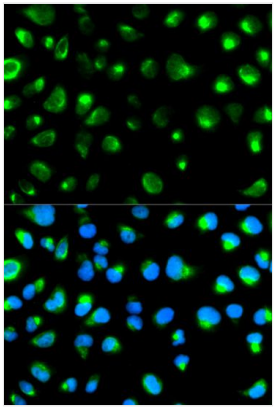
PRODUCT SYNONYMS

GYPC; Polyclonal Antibody; GYPC Polyclonal Antibody; CD236; CD236R; GE; GPC; GYPD; MGC117309; MGC126191; MGC126192; anti-GYPC antibody

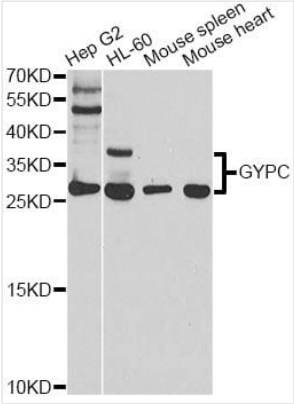
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	128
Applicable Applications for anti-GYPC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GYPC
Calculated Molecular Weight	14kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using GYPC antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using GYPC antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

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. [provided by RefSeq, Feb 2012]
Product Categories/Family for anti-GYPC antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	121407
NCBI GeneID	2995
UniProt Accession #	P04921; Q53SV9; Q92642; B2R522
Molecular Weight	128
NCBI Official Full Name	Glycophorin-C
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; glycophorin-D; glycoconnectin; glycoprotein beta; sialoglycoprotein D
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.