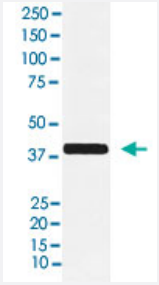
GYPC monoclonal antibody, clone AFOE-7

Catalog # MAB22271 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human GYPC.
Immunogen	A synthetic peptide corresponding to human GYPC.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human GYPC, in native form and recombinant. Superfamily members of GY PC are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of K-562 cell lysate.

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — GYPC

Entrez GeneID	2995
Protein Accession#	P04921
Gene Name	GYPC
Gene Alias	CD236, CD236R, GE, GPC, GYPD, MGC117309, MGC126191, MGC126192
Gene Description	glycophorin C (Gerbich blood group)

Omim ID	110750 611162
Gene Ontology	Hyperlink
Gene Summary	Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by hum an erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A nu mber 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 glycophori n D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has v ery little homology with glycophorins A and B. [provided by RefSeq
Other Designations	glycophorin C