



Human GYPA blocking peptide (CDBP1382)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Glycophorin A antibody
Antigen Description	Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GYPA glycoporphin A (MNS blood group) [Homo sapiens (human)]
Official Symbol	GYPA
Synonyms	GYPA; glycoporphin A (MNS blood group); MN; GPA; MNS; GPSAT; PAS-2; CD235a; GP ^E rik;

HGpMiV; HGpMiXI; HGpSta(C); glycophorin-A; glycophorin Mil; glycophorin MiV; glycophorin SAT; glycophorin Erik; glycophorin A, GPA; MN sialoglycoprotein; glycophorin Sta type C; sialoglycoprotein alpha; Mi.V glycoprotein (24 AA); glycophorin A (MN blood group); recombinant glycophorin A-B Miltenberger-DR; erythroid-lineage-specific membrane sialoglycoprotein;

Entrez Gene ID	2993
mRNA Refseq	NM_002099.6
Protein Refseq	NP_002090.4
UniProt ID	P02724
Chromosome Location	4q31.21
Pathway	Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem;
Function	identical protein binding; protein homodimerization activity; virus receptor activity;