

CAB7682

Product Information

Product SKU:	CAB7682	Gene ID:	2994	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human, Mouse

Additional Information

Observed MW:	25kDa	Conjugate:	Unconjugated
Calculated MW:	10kDa	Isotype:	IgG

Immunogen Information

Background:	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. GYPB gene consists of 5 exons and has 97% sequence homology with GYPB from the 5' UTR to the coding sequence encoding the first 45 amino acids. 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; also, Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPB and GYPB. Alternate splicing results in multiple transcript variants.
Recommended Dilution:	WB, 1:500 - 1:2000
Synonyms:	SS; GPB; GYP; MNS; GYPB; PAS-3; CD235b; GYPB
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-91 of human GYPB (NP_002091.3).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.