

## CAB15063

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**Product Information**

<b>Product SKU:</b>	CAB15063	<b>Gene ID:</b>	2994	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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**Additional Information**

<b>Observed MW:</b>	-	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	10kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

<b>Background:</b>	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 GYPA 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 GYPA and GYPB. Alternate splicing results in multiple transcript variants.
<b>Recommended Dilution:</b>	IF/ICC, 1:50 - 1:200
<b>Synonyms:</b>	SS; GPB; GYP; MNS; GYPA; PAS-3; CD235b; GYPB
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human GYPB (NP_002091.3).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.