



## Anti-GYPA monoclonal antibody, clone E4 (CABT-52804MH)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	This product recognises the human CD235a cell surface antigen, commonly known as glycophorin A. CD235a is a 36kD glycoprotein expressed exclusively by cells of erythrocyte lineage. This antibody is thought to bind to an epitope between residues 27 - 39. The antibody shows no cross-reaction with CD235b and does not recognise trypsinized cells. Flow Cytometry Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>Specificity</b>	GYPA
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	E4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC; HA
<b>Format</b>	Tissue Culture Supernatant - liquid
<b>Size</b>	2 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">GYPA glycophorin A (MNS blood group) [ Homo sapiens (human) ]</a>
Official Symbol	GYPA
Synonyms	GYPA; glycophorin A (MNS blood group); MN; GPA; MNS; GPSAT; PAS-2; CD235a; GPErik; HGpMiV; HGpMiXI; HGpSta(C); glycophorin-A; glycophorin Mil; glycophorin MiV; glycophorin SAT; glycophorin Erik; glycophorin A, GPA; MN sialoglycoprotein; glycophorin Sta ty
Entrez Gene ID	<a href="#">2993</a>
Protein Refseq	<a href="#">NP_002090</a>
UniProt ID	P02724
Chromosome Location	4q31.21
Pathway	Hematopoietic cell lineage; Malaria;
Function	identical protein binding; protein homodimerization activity; virus receptor activity;