



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

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

PRODUCT INFORMATION

Product Overview 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 106 cells in 100ul.

Specificity	GYPA
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	E4
Conjugate	Unconjugated
Applications	IHC-Fr; FC; HA
Format	Tissue Culture Supernatant - liquid
Size	2 ml
Preservative	0.09% Sodium Azide
Storage	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	GYPA glycophorin A (MNS blood group) [Homo sapiens (human)]
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	2993
Protein Refseq	NP_002090
UniProt ID	P02724
Chromosome Location	4q31.21
Pathway	Hematopoietic cell lineage; Malaria;
Function	identical protein binding; protein homodimerization activity; virus receptor activity;