Anti-GYP A 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
GYP A

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.

Warnings
For research purposes only

GENE INFORMATION

Gene Name
GYP A glycophorin A (MNS blood group) [ Homo sapiens (human) ]

Official Symbol
GYP A
| **Synonyms** | GYP A; glycophorin A (MNS blood group); MN; GPA; MNS; GPSAT; PAS-2; CD235a; GPERik; HGpMiV; HGpMiXI; HGpSta(C); glycophorin-A; glycophorin MiI; glycophorin MiV; glycophorin SAT; glycophorin Erik; glycophorin A, GPA; MN sialoglycoprotein; glycophorin Sta ty |
| **Entrez Gene ID** | 2993 |
| **mRNA Refseq** | NM_002099 |
| **Protein Refseq** | NP_002090 |
| **MIM** | 111300 |
| **UniProt ID** | P02724 |
| **Chromosome Location** | 4q31.21 |
| **Pathway** | Hematopoietic cell lineage; Malaria; |
| **Function** | identical protein binding; protein homodimerization activity; virus receptor activity; |