



Anti-GYPC monoclonal antibody, clone BRIC4 (CABT-52792MH)

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

PRODUCT INFORMATION

Product Overview Mouse anti Human CD236 antibody, clone BRIC4 recognizes the erythrocyte transmembrane glycoprotein CD236, also known as glycophorin C (GPC). CD236 is an integral membrane protein which carries the Gerbich blood group antigens. Expression of CD236 is not restricted to erythroid cells, but is broadly distributed in both erythroid and non-erythroid tissues. Mouse anti Human CD236 antibody, clone BRIC4 specifically reacts with an epitope located within residues 2-21 of CD236. Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

Specificity	GYPC
Immunogen	Human erythrocytes
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	BRIC4
Conjugate	Unconjugated
Applications	IHC-Fr; FC; HA; WB
Format	Purified IgG - liquid
Size	200 µg
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	GYPC glycophorin C (Gerbich blood group) [Homo sapiens (human)]
Official Symbol	GYPC
Synonyms	GYPC; glycophorin C (Gerbich blood group); GE; GPC; GPD; GYPD; CD236; PAS-2; CD236R; PAS-2; glycophorin-C; glycophorin-D; glycoconnectin; glycoprotein beta; sialoglycoprotein D;
Entrez Gene ID	2995
Protein Refseq	NP_001243513
UniProt ID	P04921
Chromosome Location	2q14-q21
Pathway	Malaria;
Function	protein binding;
