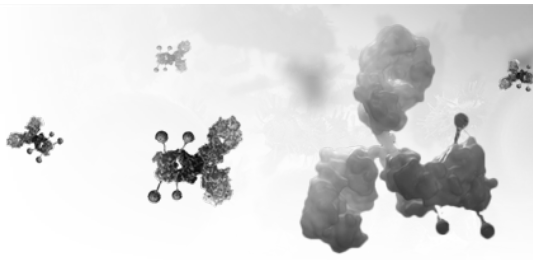

Mouse Anti-Human Glycophorin A (type M) Monoclonal antibody, clone 6A7M (CABT-L4441)

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

PRODUCT INFORMATION

Product Overview	The 6A7M monoclonal antibody reacts with the human glycophorin A (GPA) M allele also known as GYPA and CD235a. Glycophorin A is encoded by the GYPA gene and is a 151 amino acid sialoglycoprotein expressed on the membrane of human erythrocytes and erythroid progenitor cells. The GYPA gene has 2 allelic forms M and N, which differ by two amino acids.
Target	Human Glycophorin A (type M)
Immunogen	Type O, Rh- human erythrocytes and purified glycophorin A
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	6A7M
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	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. 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, as well as 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.
Keywords	Glycophorin A type M;Glycophorins A;GYPA;GYPB;Glycophorins B

GENE INFORMATION

Official Symbol	Glycophorin A type M
Synonyms	Glycophorin A type M; Glycophorins A; GYPA; GYPB; Glycophorins B

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221