

Mouse monoclonal anti human Glycophorin-A (typeM) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0205
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Purified human Glycophorin A
Ig Type:	Mouse IgG1
Clone	AP-MAB1605
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC

Description: Glycophorin A is a 151 amino acid sialoglycoprotein found on the erythrocyte (RBC) and erythroid progenitor cell membrane at about 500,000 copies per cell. The gene for glycophorin resides on chromosome 4 and has 2 allelic forms: M and N, which differ in two amino acids. The M group possesses Ser1 and Gly5 while the N group has Leu1 and Glu5. Recent data suggest that exposure to toxins can cause mutation or loss of an allele resulting in phenotypic changes. gAP-0205 specifically detects M type Glycophorin-A.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Purified human Glycophorin A**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** **Extremely low level of LPS (< 0.002EU/μg IgG)**

Application(s):

1. **FC**

*** The antibody is produced by in vitro culture and for research use only**