

Product datasheet for **TA386110**

Glycophorin A (GYPA) Mouse Monoclonal Antibody [Clone ID: M2A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M2A1
Applications:	ELISA, Inhib
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	M2A1 was prepared by immunizing BALB/c mice with human red blood cells of the M phenotype, and was screened by testing for anti-M activity.
Specificity:	<p>M2A1 binds specifically to the M antigen on human erythrocytes, and shows no reactivity to N antigen. The epitope for this antibody includes the amino-terminal serine residue and sialic acid residues of glycophorin A. The reactivity of M2A1 for M antigen is pH- and salt-dependent (optimum ~ pH8-9). Blood group antigen M is located on the major sialoglycoprotein (glycophorin A) of red blood cells.</p> <p>M2A1 can bind to M antigen of glycophorin A and can be used in ELISAs, immunoblots and modified M glycoprotein can be used for inhibition tests.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	glycophorin A (MNS blood group)
Database Link:	Entrez Gene 2993 Human P02724
Synonyms:	CD235a; GPA; GPERik; GpMIlll; GPSAT; HGpMIlll; HGpMiV; HGpMiX; HGpMiXI; HGpSta(C); MN; MNS; PAS-2



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