

Anti-Glycophorin A Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 14 kDa. Actual: 51 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Western blot analysis of extracts from bone using Glycophorin antibody. (Primary dilution:1:300)
	2. Sample: Lane 1: K562 (Human) Cell Lysate at 30 µg Lane 2: HL60 (Human) Cell Lysate at 30 µg Lane 3: Molt-4 (Human) Cell Lysate at 30 µg Lane 4: Jurkat (Human) Cell Lysate at 30 µg Lane 5: 293T (Human) Cell Lysate at 30 µg Primary: Anti-Glycophorin A (TMAB-06573) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD
Application:	3. Sample: Lane 1: Blood cell (Mouse) Lysate at 40 µg Lane 2: Lung (Mouse) Lysate at 40 µg Lane 3: Kidney (Mouse) Lysate at 40 µg Lane 4: Placenta (Mouse) Lysate at 40 µg Lane 5: Spleen (Mouse) Lysate at 40 µg Primary: Anti-Glycophorin A (TMAB-06573) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD
	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse GPA
Antigen Species: Mouse
Gene ID: 14934
Uniprot ID: P14220

Research Background

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. [provided by RefSeq, Jul 2008]

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