

## **International Office**

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# EB06947 - Goat Anti-Glycophorin A Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** glycophorin A (includes MN blood group), HGNC:4702, GYPA, GPA, GPErik, GPSAT, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS, Mi.V glycoprotein (24 AA), erythroid-lineage-specific membrane sialoglycoprotein, glycophorin A, glycophorin A, glycophorin Erik, glycophorin MiI, glycophorin MiV, glycophorin MiX, glycophorin SAT, glycophorin Sta type C, recombinant MiDR, recombinant glycophorin A-B Miltenberger-DR, CD235a, GpMiIII, HGpMiIII, glycophorin A (MN blood group), glycophorin MiIII

Official Symbol: GYPA

Accession Number(s): NP\_002090.2

Human GenelD(s): 2993

## **Immunogen**

Peptide with sequence C-SVEIENPETSDQ, from the C Terminus of the protein sequence according to NP 002090.2.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:2000.

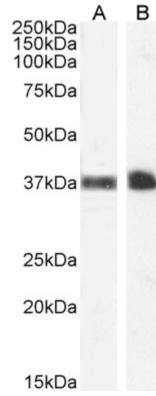
**Western blot:** Approx 37-38kDa band observed in Human Peripheral Blood Monocytes and Kidney Iysates (calculated MW of 16.4kDa according to NP\_002090.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources and in the literature (Challou, N. et al., PMID: 8204624).

Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB06947 (1μg/ml) staining of Human Peripheral Blood Monocytes (A) and Kidney (B) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.