

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06947-T - Goat Anti-Glycophorin A Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** glycophorin A (includes MN blood group), HGNC:4702, GYPA, GPA, GP<sub>E</sub>rik, GPSAT, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS, Mi.V glycoprotein (24 AA), erythroid-lineage-specific membrane sialoglycoprotein, glycophorin A, glycophorin A, GPA, glycophorin Erik, glycophorin Mil, 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 GeneID(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 1:4000.

**Western blot:** Approx 18kDa band observed in Human Liver lysates (calculated MW of 16.4kDa according to NP\_002090.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** In paraffin embedded Human Kidney shows bright staining of erythrocytes.

Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06947 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06947 (2µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.