

Goat anti-Glycophorin A Antibody

Item Number	dAP-0747
Target Molecule	Principle Name: Glycophorin A; Official Symbol: GYPA; All Names and Symbols: GYPA; glycophorin A (includes MN blood group); HGNC:4702; GPA; GPErik; GPSAT; HGpMiV; HGpMiX; HGpMiXI; HGpSta(C); MN; MNS; Mi.V glycoprotein (24 AA); erythroid-lineage-specific membrane sialoglycoprotein; glycophorin A; glycophorin A, GPA; glycophorin Eri; Accession Number (s): NP_002090.2; Human Gene ID(s): 2993; Non-Human GeneID(s):
Immunogen	SVEIENPETSDQ, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows bright staining of erythrocytes. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Tolia NH, Enemark EJ, Sim BK, Joshua-Tor L. Structural Basis for the EBA-175 Erythrocyte Invasion Pathway of the Malaria Parasite Plasmodium falciparum. <i>Cell.</i> 2005 Jul 29;122(2):183-93. PMID: 16051144 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**