ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-G6PD (aa 305 - 318) Antibody

Item Number	dAP-1096
Target Molecule	Principle Name: G6PD (aa 305 - 318); Official Symbol: G6PD; All Names and Symbols: G6PD; glucose-6-phosphate dehydrogenase ; G6PD1 ; glucose-6-phosphate 1-dehydrogenase; glucose-6-phosphate dehydrogenase; G6PD ; Accession Number (s): NP_000393.4 ; NP_001035810.1; Human Gene ID(s): 2539; Non-Human GeneID(s): 14381 (mouse) 24377 (rat)
Immunogen	KPASTNSDDVRDEK, is from internal region This antibody is expected to recognise both reported isoforms (NP_000393.4 and NP_001035810.1).
Applications	Pep ELISA, WB 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; Reconsititute 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 8000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Peripheral Blood Mononucleocyte lysates (calculated MW of 59.3kDa according to NP_001035810.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Guindo A, Fairhurst RM, Doumbo OK, Wellems TE, Diallo DA. X-Linked G6PD Deficiency Protects Hemizygous Males but Not Heterozygous Females against Severe Malaria. PLoS Med. 2007 Mar 13;4(3):e66 [Epub ahead of print] .PMID: 17355169 ->

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 ender users! This product is sold for Research Use Only

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