

Goat anti-GPI / Neuroleukin (aa81-93) Antibody

Item Number	dAP-1977
Target Molecule	Principle Name: GPI / Neuroleukin (aa81-93); Official Symbol: GPI; All Names and Symbols: GPI; glucose phosphate isomerase; AMF; GNPI; NLK; PGI; PHI; SA-36; autocrine motility factor; glucose-6-phosphate isomerase; hexose monophosphate isomerase; hexosephosphate isomerase; neuroleukin; oxoisomerase; phosphoglucose isomerase; phosphohexomutase;; Accession Number (s): NP_000166.2; Human Gene ID (s): 2821; Non-Human GeneID(s):
Immunogen	RERMFNGEKINYT, is from internal region (near N 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 128000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Heart lysates and approx 55kDa observed in lysates of cell lines HeLa, A431, A549, MCF7, Jurkat and K562 (calculated MW of 63.1kDa according to NP_000166.2). Recommended concentration: 0.1-0.3µg/ml. Prim
IHC	Immunohistochemistry: Paraffin embedded Human Testis, Thyroid and Kidney. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Iwanami K, Matsumoto I, Tanaka Y, Inoue A, Goto D, Ito S, Tsutsumi A, Sumida T, Arthritogenic T cell epitope in glucose-6-phosphate isomerase-induced arthritis. <i>Arthritis research & therapy</i> 2008 10 (6): R130..PMID: 18992137->

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**