

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

<b>Item Number</b>	dAP-1977
<b>Target Molecule</b>	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):
<b>Immunogen</b>	RERMFNGEKINYT, is from internal region (near N Terminus)
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis, Thyroid and Kidney. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	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. Arthritis research & therapy 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 ender users! This product is sold for **Research Use Only**