

Goat anti-MIF Antibody

Item Number	dAP-0667
Target Molecule	Principle Name: MIF; Official Symbol: MIF; All Names and Symbols: MIF; macrophage migration inhibitory factor (glycosylation-inhibiting factor); HGNC:7097; GIF; GLIF; MMIF; glycosylation-inhibiting factor; phenylpyruvate tautomerase; macrophage migration inhibitory factor; Accession Number (s): NP_002406.1; Human Gene ID(s): 4282; Non-Human GeneID(s):
Immunogen	NAANVGWNNSTFA, is from C Terminus
Applications	Pep ELISA, WB, IHC, EIA 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 13kDa band observed in Human Lymph Node, and Thymus lysates and similar bands are observed in lysates of cell lines Daudi and Jurkat (calculated MW of 12.5kDa according to NP_002406.1). Recommended concentration: 0.01-0.03µg/ml. Pri
IHC	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 5µg/ml.
Reference	Reference(s): Church TS, Willis MS, Priest EL, Lamonte MJ, Earnest CP, Wilkinson WJ, Wilson DA, Giroir BP. Obesity, macrophage migration inhibitory factor, and weight loss. <i>Int J Obes Relat Metab Disord</i> . 2005 Mar 29; [Epub ahead of print]. PMID: 15795748 ->

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**