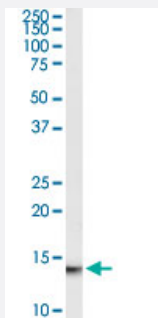


MIF polyclonal antibody

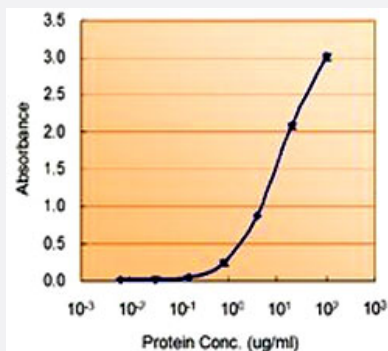
Catalog # PAB6796 Size 100 ug

Applications



Western Blot (Tissue lysate)

MIF polyclonal antibody (Cat # PAB6796) (0.03 ug/mL) staining of human thymus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Sandwich ELISA

MIF polyclonal antibody (Cat # PAB6796) (1.5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of MIF.
Immunogen	A synthetic peptide corresponding to C terminus of human MIF.
Sequence	C-NAANVGWNNSTFA
Host	Goat
Theoretical MW (kDa)	12.5
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:12800) Sandwich ELISA (1.5-3 ug/mL) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

MIF polyclonal antibody (Cat # PAB6796) (0.03 ug/mL) staining of human thymus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

- Sandwich ELISA

MIF polyclonal antibody (Cat # PAB6796) (1.5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Gene Info — MIF

Entrez GeneID	4282
Protein Accession#	NP_002406.1
Gene Name	MIF
Gene Alias	GIF, GLIF, MMIF
Gene Description	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
Omim ID	153620 604302
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq]

Other Designations

glycosylation-inhibiting factor|phenylpyruvate tautomerase

Publication Reference

- [Influence of d-glutamine and d-glutamic acid sequences in optical peptide probes targeted against the cholecystokinin-2/gastrin-receptor on binding affinity, specificity and pharmacokinetic properties.](#)

Kossatz S, Mansi R, Behe M, Czerney P, Hilger I.

EJNMMI Research 2013 Nov; 3(1):75.

Application: IHC-P, Mouse, Epidermoid carcinoma

- [Obesity, macrophage migration inhibitory factor, and weight loss.](#)

Church TS, Willis MS, Priest EL, Lamonte MJ, Earnest CP, Wilkinson WJ, Wilson DA, Giroir BP.

International Journal of Obesity 2005 Jun; 29(6):675.

Application: EIA, Human, Plasma

Pathway

- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Acute Disease](#)
- [Alopecia Areata](#)
- [Alphavirus Infections](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)

- [Anoxia](#)
- [Arthralgia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Autoimmune Diseases](#)
- [Biliary Atresia](#)
- [Birth Weight](#)
- [Bone Resorption](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Chagas Disease](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Community-Acquired Infections](#)
- [Coronary Disease](#)
- [Coronary Vessel Anomalies](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)

- [Disease Susceptibility](#)
- [Dyspepsia](#)
- [Edema](#)
- [Esophagitis](#)
- [Familial Mediterranean fever](#)
- [Fatty Liver](#)
- [Fetal Membranes](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulosclerosis](#)
- [Hamartoma](#)
- [Helicobacter Infections](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Diseases](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)

- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metaplasia](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Pain](#)
- [Pancreatitis](#)
- [Paraplegia](#)
- [Parasitemia](#)
- [Pneumonia](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Purpura](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)

- [Sarcoidosis](#)
- [Sepsis](#)
- [Stomach Neoplasms](#)
- [Temporal Arteritis](#)
- [Tooth Loss](#)
- [Tuberculosis](#)
- [Vasculitis](#)
- [Vision Disorders](#)