

Rabbit anti-Mouse MIF Polyclonal Antibody | anti-MIF antibody

Anti-MIF Antibody, Rabbit Polyclonal

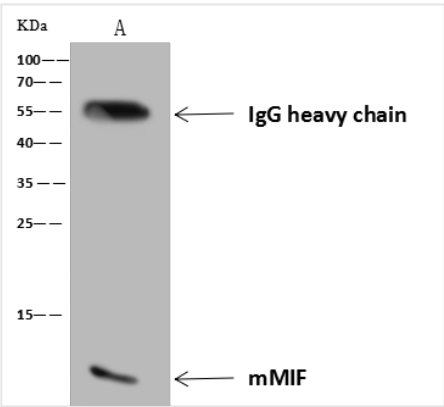
CATALOG # AAA259463	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

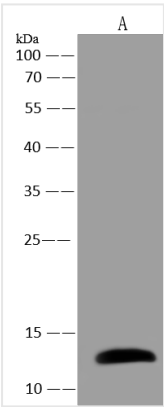
MIF; Polyclonal Antibody; Anti-MIF Antibody; Rabbit Polyclonal; MIF Antibody; Rabbit PAb; Antigen Affinity Purified; macrophage migration inhibitory factor (glycosylation-inhibiting factor); Anti-DER6 Antibody; Anti-GIF Antibody; Anti-Glif Antibody; Anti-Mif Antibody; anti-MIF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse MIF
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MIF antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Mouse MIF Protein (P34884; Pro2-Ala115). MIF specific IgG was purified by Mouse MIF affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IP (Immunoprecipitation)
mMIF was immunoprecipitated using: Lane A:0.5 mg RAW 264.7 Whole Cell Lysate 4 uL anti-mMIF rabbit polyclonal antibody and 60ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-mMIF rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 14 kDa Observed band size :11 kDa



WB (Western Blot)
Anti-MIF rabbit polyclonal antibody at 1:500 dilutionLane A: RAW246.7 Whole Cell LysateLysates/proteins at 30ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique. Performed under reducing conditions.Predicted band size:12 kDaObserved band size:12 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MIF antibody	Macrophage migration inhibitory factor (MIF) is an immunoregulatory cytokine, the effect of which on arresting random immune cell movement was recognized several decades ago. Despite its historic name, MIF also has a direct chemokine-like function and promotes cell recruitment. MIF is a ubiquitously expressed protein that plays a crucial role in many inflammatory and autoimmune disorders. Increasing evidence suggests that MIF also controls metabolic and inflammatory processes underlying the development of metabolic pathologies associated with obesity. Further research has shown that MIF plays a particularly critical part in cell cycle regulation and therefore in tumorigenesis as well. The significance of the role of MIF in a variety of both solid and hematologic tumors has been established. More recently, interest has increased in the role of MIF in the development of the central nervous system (CNS) tumors, in which it appears to influence cell cycle control. MIF contributes to malignant disease progression on several different levels. Both circulating and intracellular MIF protein levels are elevated in cancer patients and MIF expression reportedly correlates with stage, metastatic spread, and disease-free survival. Blockade of MIF bioactivity successfully inhibited tumor cell growth in vivo and in vitro. MIF plays important role in the pathogenesis of gastrointestinal, hepatic, and pancreatic disorders.
References	Ohkawar, T. e. al. (2005. Pathophysiologica. role. o. macrophag. migratio. inhibitor. facto. i. gastrointestinal. hepatic. an. pancreati. disorders. . Gastroenterol. 40(2). 117-22.Bac. JP. e. al.. (2009. Th. rol. o. macrophag. inhibitor. facto. i. tumorigenesi. an. centra. nervou. syste. tumors. Cancer. 115(10). 2031-40.Rendo. BE. e. al.. (2009. Mechanism. o. macrophag. migratio. inhibitor. facto. (MIF)-dependen. tumo. microenviromenta. adaptation. Ex. Mo. Pathol. 86(3). 180-5.Grie. G. e. al. (2010. Macrophag. migratio. inhibitor. facto. (MIF) . . promisin. biomarker. Dru. New. Perspect. 23(4). 257-64.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754696
NCBI GeneID	17319
NCBI Accession #	NP_034928.1
NCBI GenBank Nucleotide #	NM_010798.2
UniProt Accession #	P34884
Molecular Weight	12,504 Da
NCBI Official Full Name	macrophage migration inhibitory factor
NCBI Official Synonym Full Names	macrophage migration inhibitory factor

NCBI Official Symbol	Mif
NCBI Official Synonym Symbols	GIF; Glif
NCBI Protein Information	macrophage migration inhibitory factor
UniProt Protein Name	Macrophage migration inhibitory factor
UniProt Gene Name	Mif
UniProt Synonym Gene Names	MIF; DER6; GIF
UniProt Entry Name	MIF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mif-antibody-immunoprecipitation-western-blot-elisa/259463>