

Rabbit MIF Polyclonal Antibody | anti-MIF antibody

MIF Antibody

CATALOG # AAA166220	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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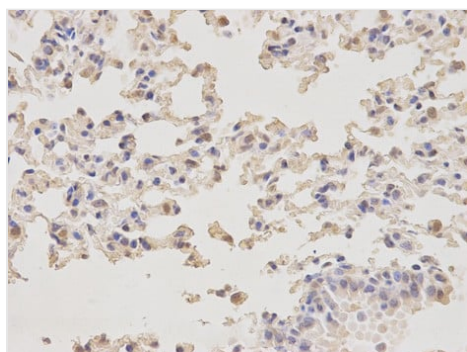
PRODUCT SYNONYMS

MIF; Polyclonal Antibody; MIF Antibody; GIF; GLIF; MMIF; anti-MIF antibody

PRODUCT SPECIFICATIONS

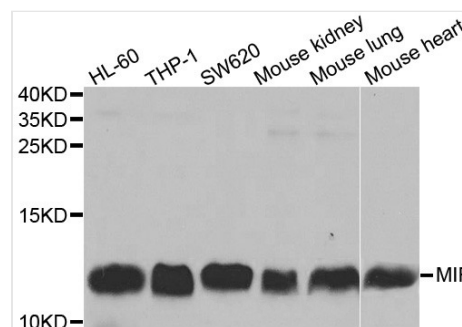
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	115
Applicable Applications for anti-MIF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MIF
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16966 / sc-16966 / sc-16965 / sc-47159 / sc-48241 / sc-20121
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using MIF antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MIF antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MIF antibody	Macrophage migration inhibitory factor, known as MIF or glycosylation-inhibiting factor, is a secreted, homotrimeric, pro-inflammatory cytokine that modulates macrophage and T cell function and is an important regulator of host response to infection. MIF is expressed at sites of inflammation, which suggests that it plays a role in regulating macrophage function in host defense. MIF is produced by the pituitary gland and is found in monocytes, macrophages, differentiating immunological cells in the eye lens and brain, and fibroblasts. Elevated levels of MIF protein are detected in the plasma of patients with severe sepsis or septic shock, a condition where MIF influences endotoxic shock by enhancing the production of other inflammatory cytokines including tumor necrosis factor α (TNF α), interleukin-1 (IL-1) and interferon- γ (IFN- γ). MIF promotes the systemic inflammatory response by counter-regulating glucocorticoid-mediated inhibition of immune-cell activation and proinflammatory cytokine production. MIF may mediate tissue destruction through the induction of proteinases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47678571
NCBI GeneID	4282
UniProt Accession #	P14174; Q2V4Y5; Q6FHV0; A5Z1R8; B2R4S3
Molecular Weight	12,476 Da
NCBI Official Full Name	MIF
NCBI Official Synonym Full Names	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
NCBI Official Symbol	MIF
NCBI Official Synonym Symbols	GIF; GLIF; MMIF
NCBI Protein Information	macrophage migration inhibitory factor; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase
UniProt Protein Name	Macrophage migration inhibitory factor
UniProt Gene Name	MIF
UniProt Synonym Gene Names	GLIF; MMIF; MIF; GIF
UniProt Entry Name	MIF_HUMAN

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-immunohistochemistry-western-blot-elisa/166220>