

**bs-1044R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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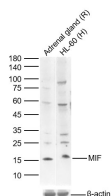
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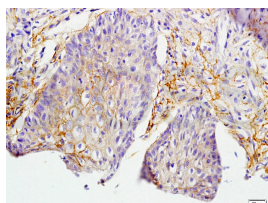
400-901-9800

**MIF Rabbit pAb****DATASHEET**

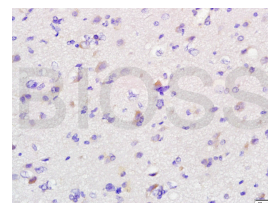
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 4282	<b>SWISS:</b> P14174	
<b>Target:</b> MIF		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human MIPF: 51-115/115.		<b>Reactivity:</b> Human, Rat (predicted: Mouse, Pig, Cow, Dog)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 12 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Secreted ,Cytoplasm
<b>Background:</b> 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, Jul 2008]		

**VALIDATION IMAGES**

Sample: Lane 1: Rat Adrenal gland Lysates Lane 2: Human HL-60 cell Lysates Primary: Anti-MIF (bs-1531R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 12kDa Observed band size: 12kDa



Tissue/cell: skin of rat foot tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-MIF Polyclonal Antibody, Unconjugated(bs-1044R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-MIF Polyclonal Antibody, Unconjugated(bs-1044R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**SELECTED CITATIONS**

- **[IF=13.2]** Hiress et al. Proinflammatory Signature of the Dysfunctional Endothelium in Pulmonary Hypertension. Role of the Macrophage Migration Inhibitory Factor/CD74 Complex. (2015) Am.J.Respir.Crit.Care.Med. 192:983-97 FCM,Other ;Human. 26203495
- **[IF=12.2]** Jing Chen. et al. Cooperative application of transcriptomics and ceRNA hypothesis: lncRNA-00742/miR-116 targets CD74 to mediate vanadium-induced mitochondrial apoptosis in duck liver. J HAZARD MATER. 2024 Dec;480:135904 WB ;Duck. 39303616
- **[IF=7.1]** Jang Jaemyung. et al. Abnormal accumulation of extracellular vesicles in hippocampal dystrophic axons and

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regulation by the primary cilia in Alzheimer' s disease. ACTA NEUROPATHOL COM. 2023 Dec;11(1):1-30 IF ;Mouse. 37667395

- **[IF=3.9]** Ying Chen. et al. Regulatory role of exosomal proteins MIF and PEBP1 in sperm storage in black rockfish (Sebastes schlegelii) ovary. AQUACULTURE. 2025 Mar;598:741985 WB ;Fish. 10.1016/j.aquaculture.2024.741985
- **[IF=3.1]** Liu Junhao. et al. Tanshinol ameliorates imiquimod-induced psoriasis by inhibiting M1 macrophage polarization through suppression of the notch signaling pathway. N-S ARCH PHARMACOL. 2024 Jun;;1-14 IHC ;Mouse. 38832986