

bs-1044R**[Primary Antibody]****MIF Rabbit pAb****Bioss**
ANTIBODIES

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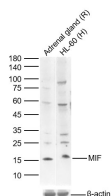
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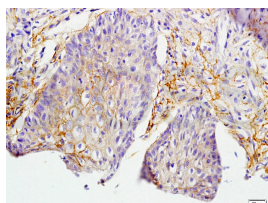
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DATASHEET

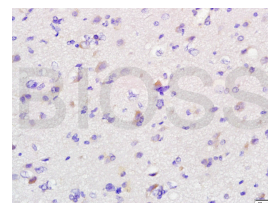
Host: Rabbit Clonality: Polyclonal GeneID: 4282 Target: MIF Immunogen: KLH conjugated synthetic peptide derived from human MIPF: 51-115/115. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store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