

## Goat MIF Polyclonal Antibody | anti-MIF antibody

Goat Polyclonal to Human MIF

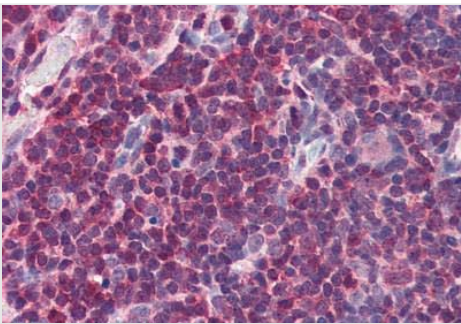
| CATALOG # | HOST | REACTIVITY                                                                                                                                                                | APPLICATIONS                                     |
|-----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| AAA50892  | Goat | Gibbon, Gorilla, Human, Monkey<br><b>Predicted Reactivity:</b> Mouse, Rat, Bovine, Horse, Pig, Rabbit, Sheep, Chicken, Xenopus (at least 90% immunogen sequence identity) | <b>ELISA, Western Blot, Immunohistochemistry</b> |

### PRODUCT SYNONYMS

MIF; Polyclonal Antibody; Goat Polyclonal to Human MIF; Anti-MIF Antibody (C-Terminus) IHC-plus; GLIF; L-dopachrome tautomerase; L-dopachrome isomerase; MMIF; Phenylpyruvate tautomerase; Human MIF; anti-MIF antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Goat                                                                                                                                                                                                                                                                                                           |
| Reactivity                                    | Gibbon, Gorilla, Human, Monkey<br><b>Predicted Reactivity:</b> Mouse, Rat, Bovine, Horse, Pig, Rabbit, Sheep, Chicken, Xenopus (at least 90% immunogen sequence identity)                                                                                                                                      |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                     |
| Specificity                                   | Human MIF.                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                           | Immunoaffinity Purified                                                                                                                                                                                                                                                                                        |
| Form/Format                                   | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide                                                                                                                                                                                                                                                     |
| Concentration                                 | 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                      |
| Sequence Length                               | 115                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-MIF antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                           |
| Target Species                                | Human                                                                                                                                                                                                                                                                                                          |
| Immunogen Description                         | Synthetic peptide C-NAANVGWNNSTFA from the C-terminus of human MIF (NP_002406.1).                                                                                                                                                                                                                              |
| Immunogen Type                                | Synthetic peptide                                                                                                                                                                                                                                                                                              |
| Immunogen                                     | MIF antibody was raised against synthetic peptide C-NAANVGWNNSTFA from the C-terminus of human MIF (NP_002406.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Mouse, Rat, Sheep, Elephant, Bovine, Horse, Rabbit, Pig, Turkey, Chicken, Platypus, Xenopus (92%); Hamster (85%). |
| Antigen Modification                          | C-Terminus                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                       | Store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                                                                                                                          |



**IHC (Immunohistochemistry)**  
Anti-MIF antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**WB (Western Blot)**  
Antibody (0.01 ug/ml) staining of Human Thymus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4505185                                                                                                              |
| NCBI GeneID                      | 4282                                                                                                                 |
| NCBI Accession #                 | NP_002406.1                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_002415.1                                                                                                          |
| UniProt Accession #              | P14174; Q2V4Y5; Q6FHV0; A5Z1R8; B2R4S3                                                                               |
| Molecular Weight                 | 12,476 Da                                                                                                            |
| NCBI Official Full Name          | macrophage migration inhibitory factor                                                                               |
| 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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