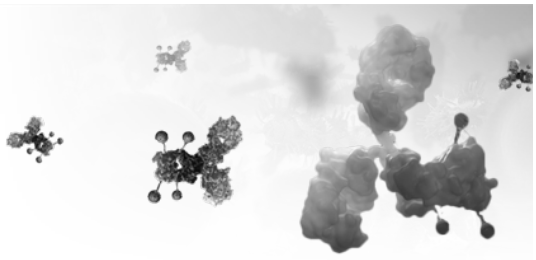

# Anti-MIF polyclonal antibody (DPABY-723)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Antigen Description** | 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] |
| **Immunogen** | Recombinant fragment corresponding to a region within amino acids 1 and 115 of MIF (Uniprot ID#P14174) |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human |
| **Purification** | Purified by antigen-affinity chromatography. |
| **Conjugate** | Unconjugated |
| **Applications** | ELISA Pr*, ICC/IF, IHC-P, WB |
| **Molecular Weight** | 12 kDa |
| **Positive Control** | 293T, A431, H1299, HeLaS3, HepG2, Molt-4, Raji, NIH-3T3 |
| **Format** | Liquid |
| **Concentration** | 1 mg/ml |
| **Size** | 25 µl |
| **Buffer** | 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative. |

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| | |
|---|---|
| **Preservative** | None |
| **Storage** | Keep as concentrated solution. Aliquot and store at -31℃ or below. Avoid multiple freeze-thaw cycles. |

# GENE INFORMATION

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|---|---|
| **Gene Name** | MIF macrophage migration inhibitory factor (glycosylation-inhibiting factor) [ Homo sapiens (human) ] |
| **Official Symbol** | MIF |
| **Synonyms** | MIF; macrophage migration inhibitory factor (glycosylation-inhibiting factor); GIF; GLIF; MMIF; macrophage migration inhibitory factor; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; |
| **Entrez Gene ID** | 4282 |
| **Protein Refseq** | NP_002406 |
| **UniProt ID** | I4AY87 |
| **Chromosome Location** | 22q11.23 |
| **Pathway** | Adipogenesis; Phenylalanine metabolism; Spinal Cord Injury; Tyrosine metabolism; |
| **Function** | chemoattractant activity; cytokine activity; cytokine receptor binding; dopachrome isomerase activity; phenylpyruvate tautomerase activity; protein binding; receptor binding; |

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