

### 32-5783: Mouse Anti Human Macrophage Migration Inhibitory Factor(Clone:P4E4AT.)

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| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | P4E4AT.   |
| <b>Application :</b>           | ELISA ,WB   |
| <b>Gene :</b>                  | MIF   |
| <b>Gene ID :</b>               | 4282  |
| <b>Uniprot ID :</b>            | P14174  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | Phenylpyruvate tautomerase,Glycosylation- inhibiting factor,GIF,MMIF,MIF.   |
| <b>Isotype :</b>               | Mouse IgG1 heavy chain and ? light chain.   |
| <b>Immunogen Information :</b> | Anti-human MIF mAb, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human MIF amino acids 1-114 purified from E. coli. |

#### Description

The cytokine Macrophage migration inhibitory factor (MIF) has been identified to be secreted by the pituitary gland and the monocyte/macrophage and to play an important role in endotoxic shock. MIF has the unique property of being released from macrophages and T cells in response to physiological concentrations of glucocorticoids. The secretion of MIF is tightly regulated and decreases at high, anti-inflammatory steroid concentration.

#### Product Info

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| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | MIF antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.                       |
| <b>Content :</b>           | 1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.   |
| <b>Storage condition :</b> | For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. |

#### Application Note

MIF antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.