Rabbit polyclonal antibody to human macrophage migration inhibitory factor (98-115): Affinity purified

Catalogue No.:	R-1072-100
Description:	Macrophage migration inhibitory factor (MIF) is a pro-inflammatory cytokine. MIF has a role in the regulation of macrophage function in host defense by counteracting the anti-inflammatory effects of glucocorticoids. MIF is associated with the innate immune response to bacterial pathogens.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (NYYDMNAANVGWNNSTFA) corresponding to a region (98-115) from the C-terminus of human macrophage migration inhibitory factor (MIF).
Other Names:	MIF; EC 5.3.2.1; Phenylpyruvate tautomerase; Glycosylation-inhibiting factor; GIF; GLIF; MMIF;
Accession:	P14174 MIF_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human MIF has a predicted length of 115 amino acids and MW of 12 kDa. A concentration of 0.5-1 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com