



Anti-MIF monoclonal antibody, clone 5F5 (DCABH-802)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to MIF
Antigen Description	Pro-inflammatory cytokine. Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of macrophages in host defense. Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity.
Immunogen	Recombinant full length protein, corresponding to amino acids 2-115 of Human MIF purified from E. coli (NP_002406.1)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5F5
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Positive Control	HL60 cell extract; Human Breast tissue.
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Preservative: 0.1% Sodium azide; Constituent: 99% PBS

Preservative	0.1% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

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