

Anti-MIF Reference Antibody (imalumab)

Recombinant Antibody
Catalog # APR10680

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P14174
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	12476

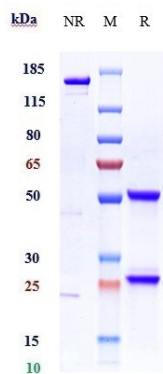
Additional Information

Target/Specificity	MIF
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

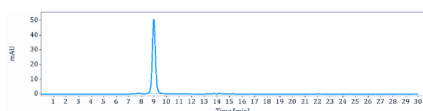
Protein Information

Name	MIF {ECO:0000303 PubMed:2552447, ECO:0000312 HGNC:HGNC:7097}
Function	Pro-inflammatory cytokine involved in the innate immune response to bacterial pathogens (PubMed: 15908412 , PubMed: 17443469 , PubMed: 23776208). The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of macrophages in host defense (PubMed: 15908412 , PubMed: 17443469 , PubMed: 23776208). Counteracts the anti-inflammatory activity of glucocorticoids (PubMed: 15908412 , PubMed: 17443469 , PubMed: 23776208). Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known (PubMed: 11439086 , PubMed: 17526494). It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity (PubMed: 11439086 , PubMed: 17526494).
Cellular Location	Secreted. Cytoplasm. Note=Does not have a cleavable signal sequence and is secreted via a specialized, non-classical pathway Secreted by macrophages upon stimulation by bacterial lipopolysaccharide (LPS), or by M.tuberculosis antigens

Images



Anti-MIF Reference Antibody (imalumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-MIF Reference Antibody (imalumab) is more than 95% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.