

## Mouse MIF Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0556	<b>Applications</b>	ELISA
<b>Synonyms</b>	MIF;GIF;GLIF;Mmacrophage migration inhibitory factor ( glycosylation-inhibiting factor );macrophage migration inhibitory factor		

### Kit components & Storage

Title	Specifications	Storage
Mouse MIF Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse MIF Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

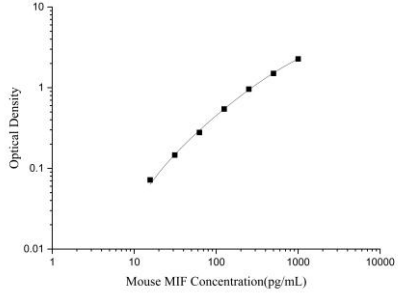
### Product Information

Items		Characteristic (E-KAB-0556)	
		Mouse MIF Capture Antibody	Mouse MIF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MIF protien	Recombinant Mouse MIF protien
	Swissprot	P50228	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Antigen Affinity
Specificity	Detects Mouse MIF in ELISAs.		

### For Research Use Only

## Applications

Mouse MIF Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse MIF Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Mouse MIF Concentration (pg/mL). The x-axis ranges from 1 to 10,000 pg/mL, and the y-axis ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse MIF Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>20</td> <td>0.1</td> </tr> <tr> <td>50</td> <td>0.2</td> </tr> <tr> <td>100</td> <td>0.4</td> </tr> <tr> <td>200</td> <td>0.7</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>2.5</td> </tr> </tbody> </table>	Mouse MIF Concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.7	500	1.5	1000	2.5
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ELISA Detection	1:1000-1:10000	Mouse MIF Detection Antibody (Biotin)																	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

May participate in the recruitment of inflammatory cells by injured or infected tissue. GCP-2 (1-78) and , more potent , GCP-2 (9-78) attract neutrophils and are involved in neutrophil activation.