

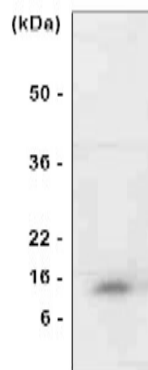
## MIF

### Mouse Anti-Human Macrophage Migration Inhibitory Factor Clone 4E4 mAb

<b>Catalog No.</b>	CSI15564A CSI15564B	<b>Quantity:</b>	50 µl 100 µl
<b>Alternate Names:</b>	GIF, GLIF, MMIF, glycosylation-inhibiting factor, phenylpyruvate tautomerase		
<b>Description:</b>	Mouse Anti-Human MIF Clone 4E4 monoclonal antibody. The cytokine 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.		
<b>Gene ID:</b>	4282		
<b>Concentration:</b>	1 mg/ml		
<b>Specificity:</b>	Human MIF		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human MIF (aa 1-114) purified from <i>E. coli</i>		
<b>Isotype:</b>	IgG1 heavy chain and κ light chain		
<b>Clone:</b>	4E4		
<b>Formulation:</b>	Liquid in PBS, pH 7.4 + 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Applications:</b>	Western Blot ELISA		
<b>Application Notes:</b>	For Western Blot, use a working dilution of 1:500-1:2,000. Recommended starting dilution is 1:1,000. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable for 1 month at 2-4°C or in working aliquots at -20°C for longer storage. <b>Avoid repeated freeze-thaw cycles.</b>		



The extract of HL-60 was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MIF antibody (1:1,000). Protein was visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



**Cell Sciences®**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)