

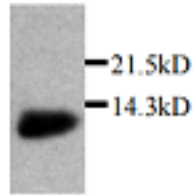
Mif

Rabbit Anti-Rat Macrophage Migration Inhibitory Factor pAb

Catalog No.	CPM300	Quantity:	200 µg
Alternate Names:	MIF; GIF; GLIF; MMIF		
Description:	This polyclonal antibody recognizes Macrophage Migration Inhibitory Factor (MIF), one of the first cytokine activities to be discovered, initially described as a T cell-derived factor that inhibits the random migration of macrophages. Later, MIF was rediscovered as a pituitary hormone that acts as the counter-regulatory hormone for glucocorticoid action within the immune system. MIF is released from macrophages and T cells in response to physiological concentrations of glucocorticoids. Secreted MIF counter-regulates the immunosuppressive effects of steroids on immune cell activation and cytokine production. MIF plays a critical role in the host control of inflammation and immunity.		
Gene ID:	81683		
UniProtKB:	P30904		
Conjugate:	Unconjugated		
Specificity:	Rat MIF		
Cross-Reactivity:	Antibody recognizes mouse MIF, cross reactivity to other species has not been determined.		
Host:	Rabbit		
Isotype:	IgG		
Immunogen:	<i>E. coli</i> -expressed full-length recombinant rat MIF		
Formulation:	Lyophilized with 0.05% sodium azide		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µL sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1 mg/mL.		
Applications:	Western blot, Immunohistochemistry, Neutralization		
Application Notes:	For Western blot, use a working dilution of 1:2,000. For Immunohistochemistry, use a working dilution of 1:500. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8 °C short term and in working aliquots at -20 °C for long term storage. Avoid repeated freeze-thaw cycles.		
Statement:	PPE is recommended when working with products containing sodium azide.		



MIF detected by Western Blot in LPS stimulated RAW cell lysate



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



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