

For Research Use Only

# Mouse MIF Polyclonal antibody, PBS Only

Catalog Number:30957-1-PBS



## Basic Information

<b>Catalog Number:</b> 30957-1-PBS	<b>GenBank Accession Number:</b> NM_010798.2	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 17319	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P34884	
<b>Isotype:</b> IgG	<b>Full Name:</b> macrophage migration inhibitory factor	
	<b>Calculated MW:</b> 13KD	
	<b>Observed MW:</b> 13 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, FC (Intra), Indirect ELISA

**Species Specificity:**  
mouse, rat

## Background Information

MIF is a pleiotropic cytokine that contributes to the pathogenesis of many autoimmune diseases through its upstream immunoregulatory function and its polymorphic genetic locus. MIF is a highly conserved protein of 12.5 kDa, with evolutionarily ancient homologues in plants, protozoans, nematodes, and invertebrates.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

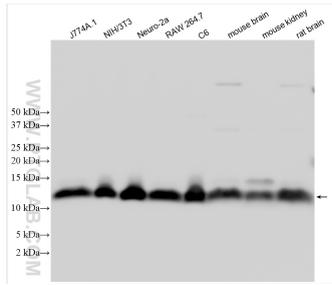
T: 4006900926

E: Proteintech-CN@ptglab.com

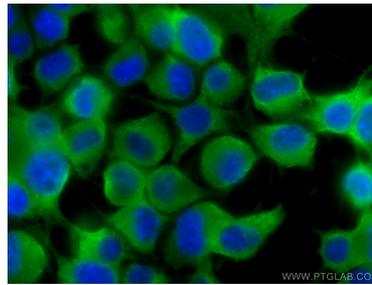
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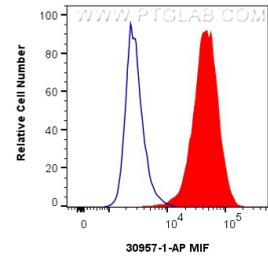
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30957-1-AP (MIF antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30957-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using MIF antibody (30957-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 30957-1-PBS in a different storage buffer formulation.



$1 \times 10^6$  NIH/3T3 cells were intracellularly stained with 0.4 ug Anti-Mouse MIF (30957-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 30957-1-PBS in a different storage buffer formulation.