[KD Validated] MIF Rabbit pAb

Catalog No.: A22014



Basic Information

Observed MW

12kDa

Calculated MW

12kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

 Gene ID
 Swiss Prot

 4282
 P14174

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GIF; GLIF; MMIF; IF

Contact

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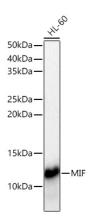
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from HL-60 cells using [KD Validated] MIF Rabbit pAb (A22014) at 1:500 dilution

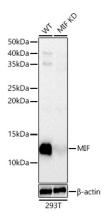
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time:0.3s.



Western blot analysis of lysates from wild type (WT) and MIF knockdown (KD) 293T cells using [KD Validated] MIF Rabbit pAb (A22014) at 1:500 dilution.

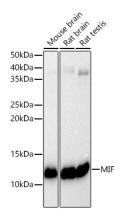
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000

dilution.Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 0.3s.

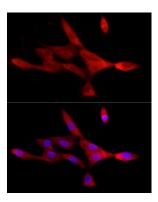


Western blot analysis of various lysates using [KD Validated] MIF Rabbit pAb (A22014) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates / proteins: 25 µg per lane.

Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of U-87MG cells using [KD Validated] MIF Rabbit pAb (A22014) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.