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Datasheet for ABIN2854957 anti-MIF antibody

5 Images

1 Publication



Overview

| 0.000 | |
|-------------------|---|
| Quantity: | 100 µL |
| Target: | MIF |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MIF antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)) |
| Product Details | |
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human MIF. The exact sequence is proprietary. |
| lsotype: | lgG |
| Cross-Reactivity: | Linear Marrie Dat |
| | Human, Mouse, Rat |
| Characteristics: | Rabbit Polyclonal antibody to MIF (macrophage migration inhibitory factor (glycosylation- inhibiting factor)) MIF antibody [N1C3] |

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Target Details

| Target: | MIF |
|-------------------|--|
| Alternative Name: | macrophage migration inhibitory factor (MIF Products) |
| 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. |

| Molecular Weight: | 12 kDa |
|-------------------|---|
| Gene ID: | 4282 |
| UniProt: | P14174 |
| Pathways: | Regulation of Systemic Arterial Blood Pressure by Hormones, Positive Regulation of Immune |
| | Effector Process, Production of Molecular Mediator of Immune Response, Regulation of |
| | Carbohydrate Metabolic Process, Feeding Behaviour, Smooth Muscle Cell Migration, Negative |
| | Regulation of intrinsic apoptotic Signaling |

Application Details

| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. ELISA: 1:1000-1:10000. Optimal |
|--------------------|---|
| | dilutions/concentrations should be determined by the researcher. Not tested in other |
| | applications. |
| Comment: | Positive Control: Molt-4 , mouse brain |
| Restrictions: | For Research Use only |

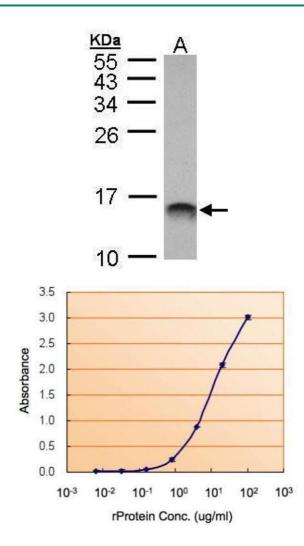
Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

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| Handling | |
|-------------------|--|
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Publications | |
| Product cited in: | Galmozzi, Kok, Kim, Montenegro-Burke, Lee, Spreafico, Mosure, Albert, Cintron-Colon, Godio, Webb, Conti, Solt, Kojetin, Parker, Peluso, Pru, Siuzdak, Cravatt, Saez: "PGRMC2 is an intracellular haem chaperone critical for adipocyte function." in: Nature , Vol. 576, Issue 7785, pp. 138-142, (2020) (PubMed). |

Validation report #104339 for Multiplex Immunohistochemistry (mIHC)



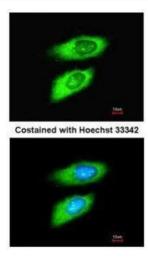
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 15% SDS PAGE antibody diluted at 1:1000

ELISA

Image 2. ELISA Image ELISA detection of MIF using for capture at a concentration of $5 \mu g/mL$ and for detection at a concentration of $1.5 \mu g/mL$.

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Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using MIF, antibody at 1:200 dilution.

Please check the product details page for more images. Overall 5 images are available for ABIN2854957.

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