antibodies.com

Datasheet for ABIN7426994 anti-IL-18 antibody (AA 37-193)

5 Images



Overview

| Quantity: | 100 µL |
|----------------------|---|
| Target: | IL-18 (IL18) |
| Binding Specificity: | AA 37-193 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This IL-18 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| Purpose: | Monoclonal Antibody to Interleukin 18 (IL18) |
|---------------|---|
| Immunogen: | Recombinant Interleukin 18 (IL18) corresdonding to Tyr37~Asp193 with N-terminal His Tag |
| Clone: | C14 |
| lsotype: | IgG2a kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against IL18. It has been selected for its ability to recognize IL18 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

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| Target Details | |
|-------------------|--|
| Target: | IL-18 (IL18) |
| Alternative Name: | Interleukin 18 (IL18 Products) |
| Background: | IGIF, IL-1g, IL1F4, IL1-F4, Interferon-Gamma-Inducing Factor, Interleukin-1 Family Member 4, Iboctadekin, Interleukin-1 Gamma |
| Pathways: | Cellular Response to Molecule of Bacterial Origin, Activated T Cell Proliferation, Cancer Immune Checkpoints, Inflammasome |

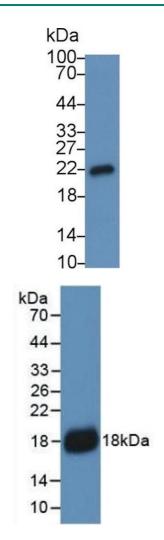
Application Details

| Application Notes: | Western blotting: 0.5-2 µg/mL |
|--------------------|--|
| | Immunohistochemistry: 5-20 µg/mL |
| | Immunocytochemistry: 5-20 µg/mL |
| | Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated |
| | thermal degradation test, that is, incubate the protein at 37 $^\circ C$ for 48h, and no obvious |
| | degradation and precipitation were observed. The loss rate is less than 5% within the expiration |
| | date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |

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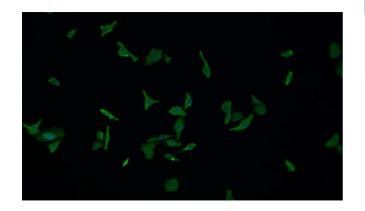


Western Blotting

Image 1. Detection of IL18 in HepG2 cell lysate using Monoclonal Antibody to Interleukin 18 (IL18)

Western Blotting

Image 2. Detection of Recombinant IL18, Human using Monoclonal Antibody to Interleukin 18 (IL18)



Immunofluorescence

Image 3. Detection of IL18 in Human HepG2 cell using Monoclonal Antibody to Interleukin 18 (IL18)

Please check the product details page for more images. Overall 5 images are available for ABIN7426994.

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