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# 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

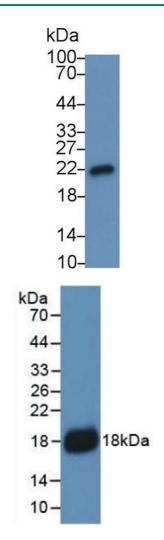
## Application Details

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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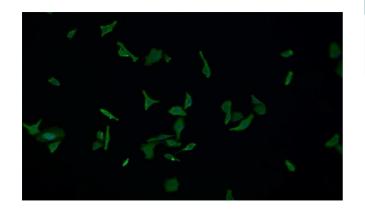


### Western Blotting

**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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