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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7426994 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

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

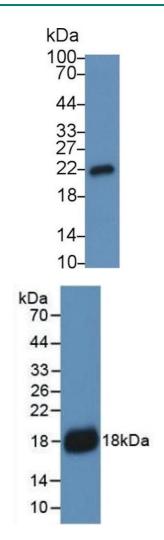
Application Details

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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN7426994 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

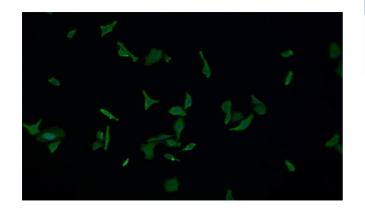


Western Blotting

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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7426994 | 09/09/2023 | Copyright antibodies-online. All rights reserved.