

Datasheet for ABIN7427069
anti-IL-18 antibody (AA 37-193)



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2 Images

Overview

Quantity:	100 µL
Target:	IL-18 (IL18)
Binding Specificity:	AA 37-193
Reactivity:	Cow
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) corresponding to His37~Asn193 (Accession # Q9TU73)
Clone:	C1
Isotype:	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.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

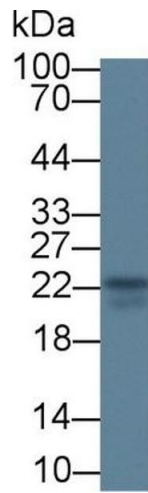
Target:	IL-18 (IL18)
Alternative Name:	Interleukin 18 (IL18 Products)
Background:	IGIF, IL-1g, IL1F4, IL1-F4, Interferon-Gamma-Inducing Factor, Interleukin-1 Family Member 4, Iboctadekin, Interleukin-1 Gamma
Pathways:	Cellular Response to Molecule of Bacterial Origin , Activated T Cell Proliferation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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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°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

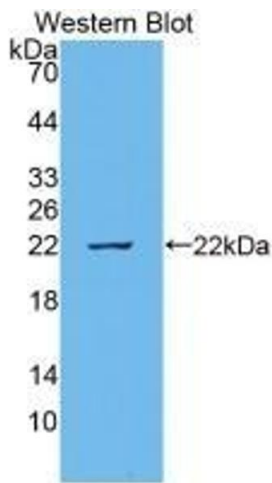
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Western Blotting

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



Western Blotting

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