

Datasheet for ABIN7428776
anti-IL-18 antibody (AA 94-193)

3 Images

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Overview

Quantity:	100 µL
Target:	IL-18 (IL18)
Binding Specificity:	AA 94-193
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) corresponding to Arg94~Asp193 with N-terminal His Tag
Clone:	C5
Isotype:	IgG1 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

Target Details

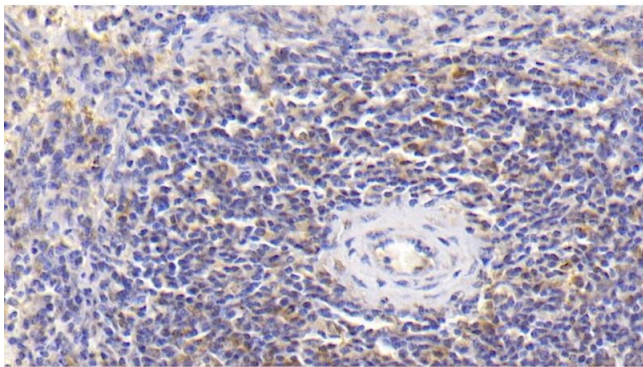
Target:	IL-18 (IL18)
Alternative Name:	Interleukin 18 (IL18 Products)
Background:	IGIF, IL-1g, IL1F4, IL1-F4, Interferon-Gamma-Inducing Factor, Interleukin-1 Family Member 4, Iboctadekin, Interleukin-1 Gamma
Pathways:	Cellular Response to Molecule of Bacterial Origin , Activated T Cell Proliferation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

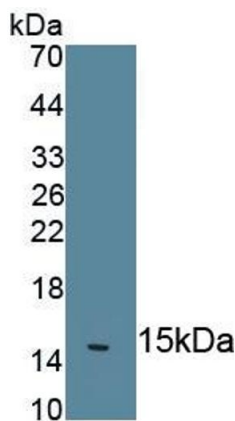
Handling

Format:	Liquid
Buffer:	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



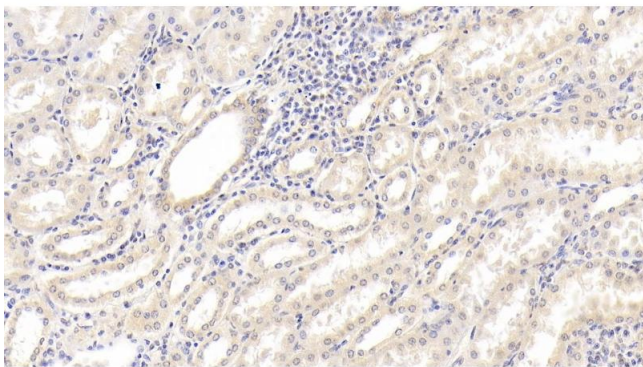
Immunohistochemistry

Image 1. Detection of IL18 in Human Spleen Tissue using Monoclonal Antibody to Interleukin 18 (IL18)



Western Blotting

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



Immunohistochemistry

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