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Datasheet for ABIN7425668
anti-IL-9 antibody (AA 19-144)

2 Images

Overview

Quantity:	100 µL
Target:	IL-9 (IL9)
Binding Specificity:	AA 19-144
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 9 (IL9)
Immunogen:	Recombinant Interleukin 9 (IL9) corresponding to Gln19~Ile144 with N-terminal His Tag
Clone:	C2
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL9. It has been selected for its ability to recognize IL9 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

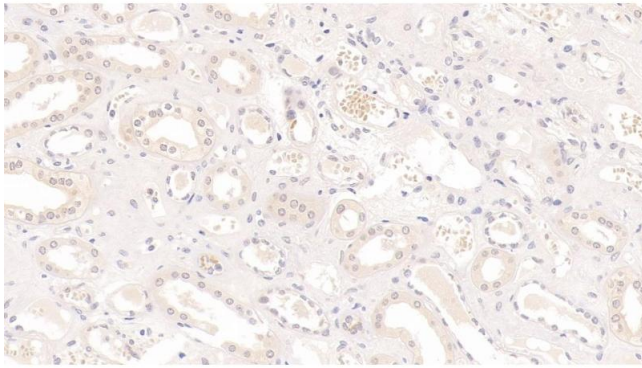
Target:	IL-9 (IL9)
Alternative Name:	Interleukin 9 (IL9 Products)
Background:	HP40, P40, TCGFIII, TCGF3, T Cell Growth Factor III, P40 T-Cell And Mast Cell Growth Factor, P40 Cytokine, Homolog Of Mouse T Cell And Mast Cell Growth Factor 40
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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°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

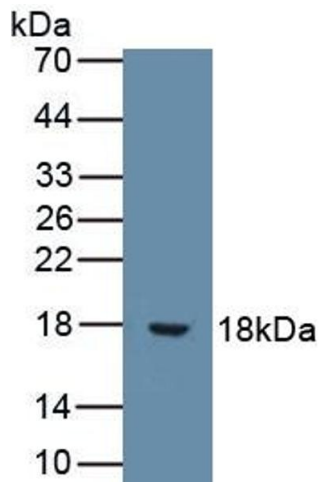
Handling

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



Immunohistochemistry

Image 1. Detection of IL9 in Human Kidney Tissue using Monoclonal Antibody to Interleukin 9 (IL9)



Western Blotting

Image 2. Detection of Recombinant IL9, Human using Monoclonal Antibody to Interleukin 9 (IL9)