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Datasheet for ABIN7426625
anti-IL-37 antibody (AA 27-192)

1 Image

Overview

Quantity:	100 µL
Target:	IL-37 (IL37)
Binding Specificity:	AA 27-192
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-37 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 1 Zeta (IL1z)
Immunogen:	Recombinant Interleukin 1 Zeta (IL1z) corresponding to Lys27~Asp192 with N-terminal His Tag
Clone:	1#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL1z. It has been selected for its ability to recognize IL1z in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

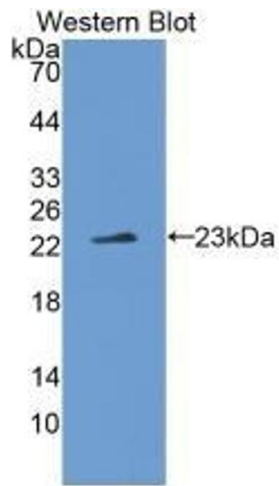
Target:	IL-37 (IL37)
Alternative Name:	Interleukin 1 Zeta (IL37 Products)
Background:	IL1F7, IL37, FIL1, FIL1(ZETA), FIL1Z, IL-1F7, IL-1H4, IL-1RP1, IL1H4, IL1RP1, Interleukin 37, Interleukin-1-Related Protein, Interleukin 1 Family, Member 7

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 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



Western Blotting

Image 1. Detection of Recombinant IL1z, Human using Monoclonal Antibody to Interleukin 1 Zeta (IL1z)