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Datasheet for ABIN7427711
anti-IL-33 antibody (AA 110-261)

4 Images

Overview

Quantity:	100 µL
Target:	IL-33 (IL33)
Binding Specificity:	AA 110-261
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-33 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 33 (IL33)
Immunogen:	Recombinant Interleukin 33 (IL33) corresponding to Ile110~Leu261 with N-terminal His Tag
Clone:	2#
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL33. It has been selected for its ability to recognize IL33 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

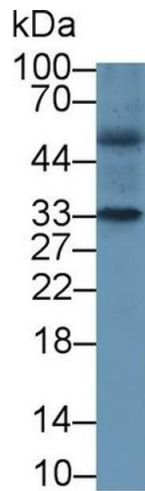
Target:	IL-33 (IL33)
Alternative Name:	Interleukin 33 (IL33 Products)
Background:	DV27, C9ORF26, IL1F11, NFHEV, Interleukin-1 Family, Member 11, Nuclear factor from high endothelial venules
Pathways:	Production of Molecular Mediator of Immune Response

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

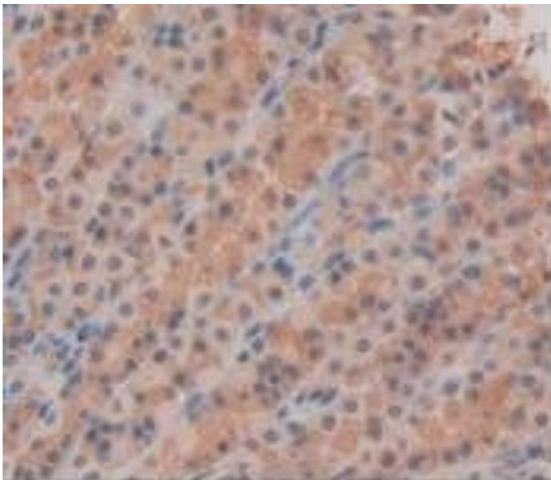
Handling

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



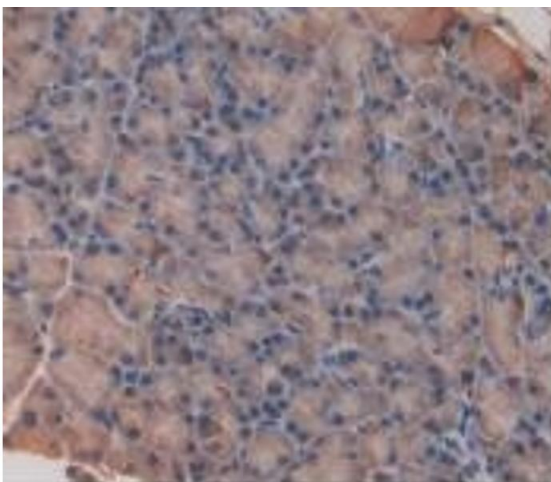
Western Blotting

Image 1. Detection of IL33 in Rat Colon lysate using Monoclonal Antibody to Interleukin 33 (IL33)



Immunohistochemistry

Image 2. Detection of IL33 in Rat Stomach Tissue using Monoclonal Antibody to Interleukin 33 (IL33)



Immunohistochemistry

Image 3. Detection of IL33 in Rat Pancreas Tissue using Monoclonal Antibody to Interleukin 33 (IL33)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7427711.