antibodies

Datasheet for ABIN7428650 anti-Cathelicidin antibody (AA 31-170)

Image



Overview

Quantity:	100 µL
Target:	Cathelicidin (CAMP)
Binding Specificity:	AA 31-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cathelicidin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

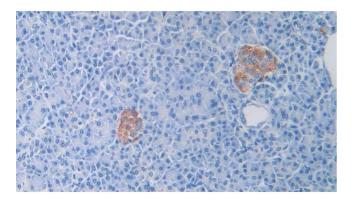
Product Details

Purpose:	Monoclonal Antibody to Cathelicidin Antimicrobial Peptide (CAMP)
Immunogen:	Recombinant Cathelicidin Antimicrobial Peptide (CAMP) corresdonding to Gln31~Ser170 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CAMP. It has been selected for its ability to recognize CAMP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	Cathelicidin (CAMP)
Alternative Name:	Cathelicidin Antimicrobial Peptide (CAMP Products)
Background:	CAP18, FALL39, HSD26, LL37, 18 kDa Cationic Antimicrobial Protein, Antibacterial protein FALL-
	39, FALL-39 peptide antibiotic
Pathways:	Cellular Response to Molecule of Bacterial Origin
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	1:250-1000 Immunohistochemistry: 5-20 µg/mL
	1:25-100 Immunocytochemistry: 5-20 μg/mL
	1:25-100 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 $^\circ$ 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

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Immunohistochemistry

Image 1. Detection of CAMP in Human Pancreas Tissue using Monoclonal Antibody to Cathelicidin Antimicrobial Peptide (CAMP)

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