

Datasheet for ABIN7425587

anti-Procalcitonin antibody (AA 26-141)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Procalcitonin (PCT)
Binding Specificity:	AA 26-141
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Procalcitonin antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (IHC)

Product Details

Purpose:	Monoclonal Antibody to Procalcitonin (PCT)
Immunogen:	Recombinant Procalcitonin (PCT) corresponding to Ala26~Asn141 with N-terminal His Tag
Clone:	K13
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PCT. It has been selected for its ability to recognize PCT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

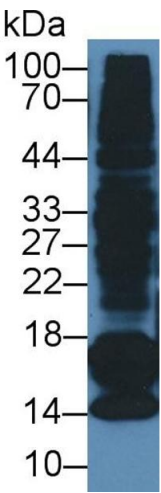
Target:	Procalcitonin (PCT)
Alternative Name:	Procalcitonin (PCT Products)
Background:	Pro-Calcitonin
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Application Notes:	Western blotting: 0.5-3 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

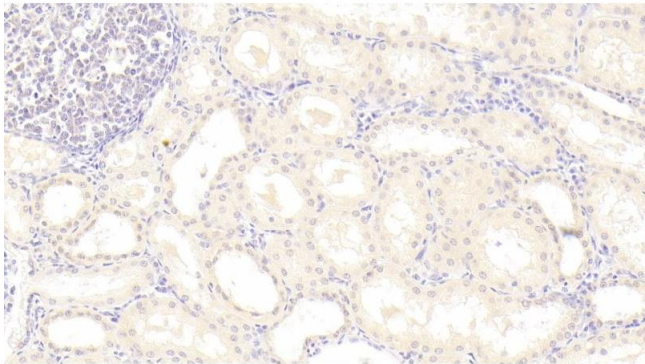
Handling

Format:	Liquid
Buffer:	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 PCT in SW579 cell lysate using Monoclonal Antibody to Procalcitonin (PCT)



Immunohistochemistry

Image 2. Detection of PCT in Human Kidney Tissue using Monoclonal Antibody to Procalcitonin (PCT)