

Datasheet for ABIN7427903  
**anti-Pepsinogen A antibody (AA 63-295)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Pepsinogen A
Binding Specificity:	AA 63-295
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Pepsinogen A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Pepsinogen A (PGA)
Immunogen:	Recombinant Pepsinogen A (PGA) corresponding to Val63~Ser295 with N-terminal His Tag
Clone:	C4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PGA. It has been selected for its ability to recognize PGA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

## Target Details

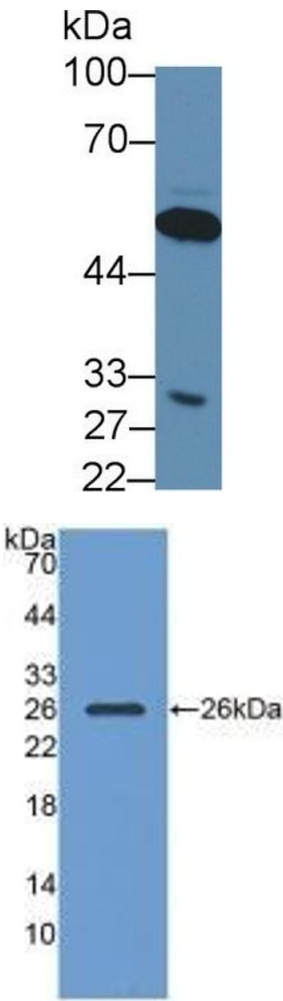
Target:	Pepsinogen A
Abstract:	<a href="#">Pepsinogen A Products</a>
Background:	PGA5, PG-A, Pepsinogen 5 Group I, Pepsinogen-5, Pepsin A-5

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

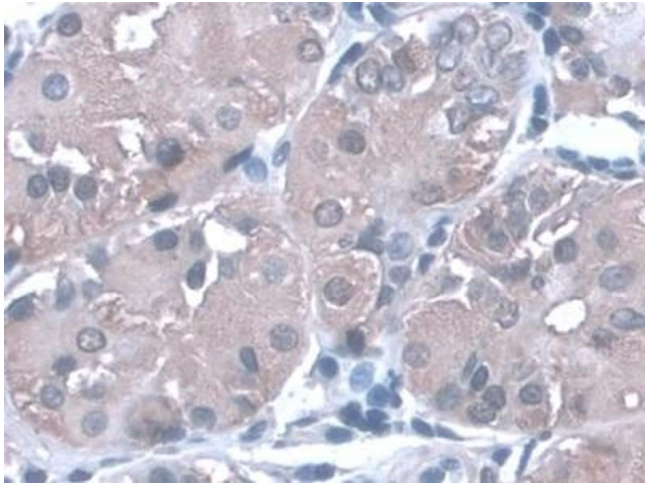


#### Western Blotting

**Image 1.** Detection of PGA in Porcine Stomach lysate using Monoclonal Antibody to Pepsinogen A (PGA)

#### Western Blotting

**Image 2.** Detection of Recombinant PGA, Human using Monoclonal Antibody to Pepsinogen A (PGA)



#### Immunohistochemistry

**Image 3.** Detection of PGA in Human Stomach Tissue using Monoclonal Antibody to Pepsinogen A (PGA)