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Datasheet for ABIN7426898  
**anti-S100A5 antibody (AA 1-92)**

2 Images

Overview

Quantity:	100 µL
Target:	S100A5
Binding Specificity:	AA 1-92
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A5 (S100A5)
Immunogen:	Recombinant S100 Calcium Binding Protein A5 (S100A5) corresponding to Met1~Lys92 (Accession # P33763)
Clone:	C8
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A5. It has been selected for its ability to recognize S100A5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	S100A5
Alternative Name:	S100 Calcium Binding Protein A5 ( <a href="#">S100A5 Products</a> )
Background:	S100-A5, S100D
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

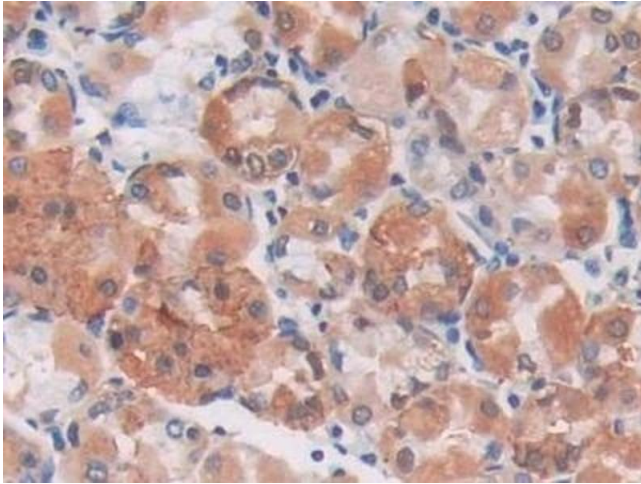
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Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Optimal working dilutions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

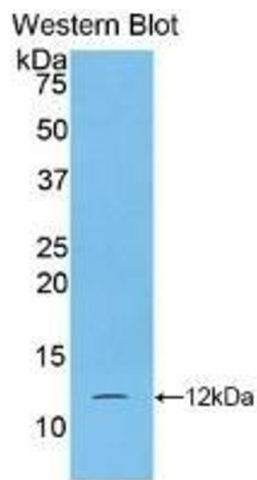
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



### Immunohistochemistry

**Image 1.** Detection of S100A5 in Human Stomach cancer Tissue using Monoclonal Antibody to S100 Calcium Binding Protein A5 (S100A5)



### Western Blotting

**Image 2.** Detection of Recombinant S100A5, Human using Monoclonal Antibody to S100 Calcium Binding Protein A5 (S100A5)