

Datasheet for ABIN7426886

anti-S100A8 antibody (AA 1-93)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	S100A8
Binding Specificity:	AA 1-93
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)
Immunogen:	Recombinant S100 Calcium Binding Protein A8 (S100A8) corresponding to Met1~Glu93 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A8. It has been selected for its ability to recognize S100A8 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

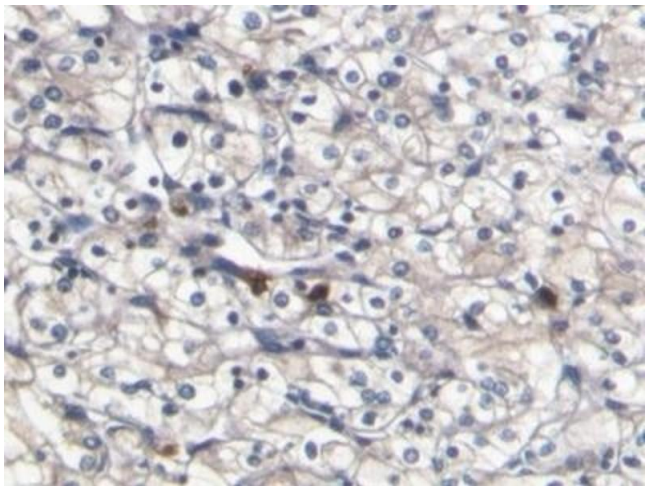
Target:	S100A8
Alternative Name:	S100 Calcium Binding Protein A8 (S100A8 Products)
Background:	MRP8, MIF, 60B8AG, CAGA, CFAG, CGLA, CP-10, L1Ag, NIF, P8, Calgranulin A, Cystic fibrosis antigen, Leukocyte L1 complex light chain, Migration inhibitory factor-related protein 8
Pathways:	Transition Metal Ion Homeostasis , Positive Regulation of Endopeptidase Activity , S100 Proteins

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

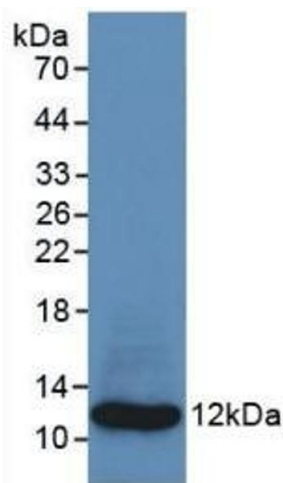
Handling

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



Immunohistochemistry

Image 1. Detection of S100A8 in Human Renal cancer Tissue using Monoclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)



Western Blotting

Image 2. Detection of Recombinant S100A8, Human using Monoclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)