

Datasheet for ABIN7427792
anti-S100A12 antibody (AA 1-92)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	S100A12
Binding Specificity:	AA 1-92
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A12 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A12 (S100A12)
Immunogen:	Recombinant S100 Calcium Binding Protein A12 (S100A12) corresponding to Met1~Glu92 with N-terminal His Tag
Clone:	15#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A12. It has been selected for its ability to recognize S100A12 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

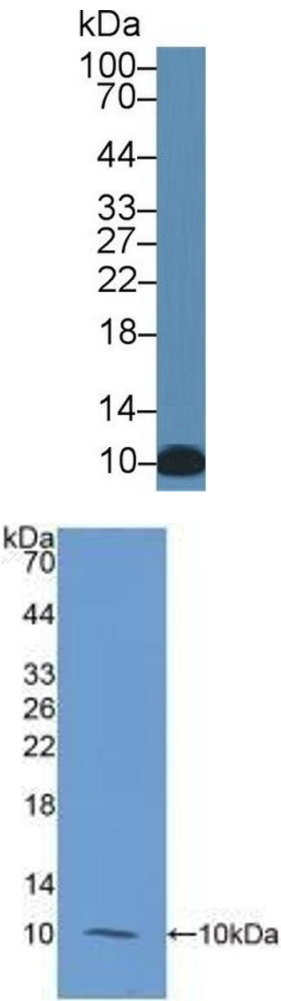
Target:	S100A12
Alternative Name:	S100 Calcium Binding Protein A12 (S100A12 Products)
Background:	CGRP, P6, CAAF1, CAGC, ENRAGE, MRP6, Calgranulin C, Calcium-binding protein in amniotic fluid 1, Extracellular newly identified RAGE-binding, Migration inhibitory factor-related 6
Pathways:	Toll-Like Receptors Cascades , S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 S100A12 in Human Leukocyte lysate using Monoclonal Antibody to S100 Calcium Binding Protein A12 (S100A12)

Western Blotting

Image 2. Detection of Recombinant S100A12, Human using Monoclonal Antibody to S100 Calcium Binding Protein A12 (S100A12)