

Datasheet for ABIN7426349

anti-S100A6 antibody (AA 1-90)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	S100A6
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A6 (S100A6)
Immunogen:	Recombinant S100 Calcium Binding Protein A6 (S100A6) corresponding to Met1~Gly90 with N-terminal His Tag
Clone:	1-1#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A6. It has been selected for its ability to recognize S100A6 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

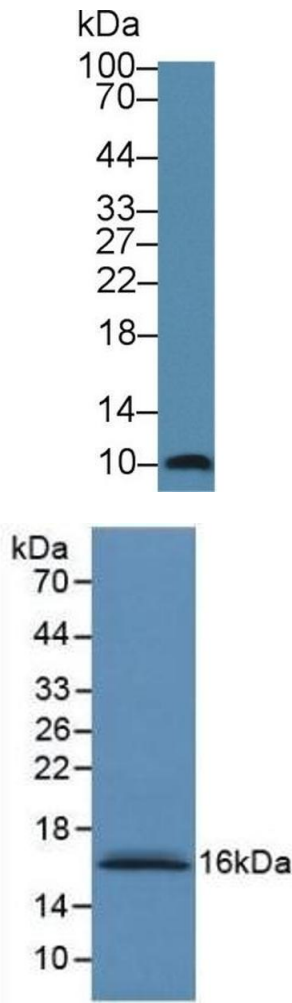
Target:	S100A6
Alternative Name:	S100 Calcium Binding Protein A6 (S100A6 Products)
Background:	S100-A6, 2A9, 5B10, CABP, CACY, PRA, MLN 4, Calcyclin, Growth factor-inducible protein 2A9, Prolactin receptor-associated protein
Pathways:	S100 Proteins

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 S100A6 in Human MCF7 cell lysate using Monoclonal Antibody to S100 Calcium Binding Protein A6 (S100A6)

Western Blotting

Image 2. Detection of Recombinant S100A6, Human using Monoclonal Antibody to S100 Calcium Binding Protein A6 (S100A6)