

Datasheet for ABIN7645664 **anti-S100A12 antibody**



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Overview

Quantity:	100 µL
Target:	S100A12
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:	RPB080Hu01Recombinant S100 Calcium Binding Protein A12 (S100A12)
Clone:	C10
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:	S100A12 (S100A12 Products)

Target Details

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

UniProt: [P80511](#)

Pathways: [Toll-Like Receptors Cascades](#), [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

Concentration: 1 mg/mL

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.