

## Datasheet for ABIN7645660 **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),<br>Immunocytochemistry (ICC) |

### Product Details

|               |                                                                                                                                                                                     |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to S100 Calcium Binding Protein A12 (S100A12)                                                                                                                   |
| Immunogen:    | RPB080Hu01Recombinant S100 Calcium Binding Protein A12 (S100A12)                                                                                                                    |
| Clone:        | 15#                                                                                                                                                                                 |
| 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 ( <a href="#">S100A12 Products</a> ) |

## 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: 0.01-2 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.