

Datasheet for ABIN7477581

**Recombinant anti-S100A1 antibody**

3 Images

[Go to Product page](#)

## Overview

Quantity:	1 mL
Target:	S100A1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This S100A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant full-length human S100B protein
Clone:	MSVA-490R
Isotype:	IgG

## Target Details

Target:	S100A1
Alternative Name:	S100 ( <a href="#">S100A1 Products</a> )
Background:	NEF, Protein S100-B, S-100 protein beta chain, S100 calcium binding protein beta (neural), S100 calcium-binding protein B, S100 protein beta chain, S100B, S100beta, S100 antibody validated for immunohistochemistry on 76 different Normal Tissues

## Target Details

UniProt: [P04271](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Toll-Like Receptors Cascades](#), [S100 Proteins](#)

## Application Details

Application Notes: IHC 1:100-1:200

Comment: Positive Control: Appendix: Schwann cells of peripheral nerves and adipocytes should show a strong, predominantly cytoplasmic S100B staining.

Negative Control: Appendix: Smooth muscle and epithelial cells must not show any S100B staining.

Protocol: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

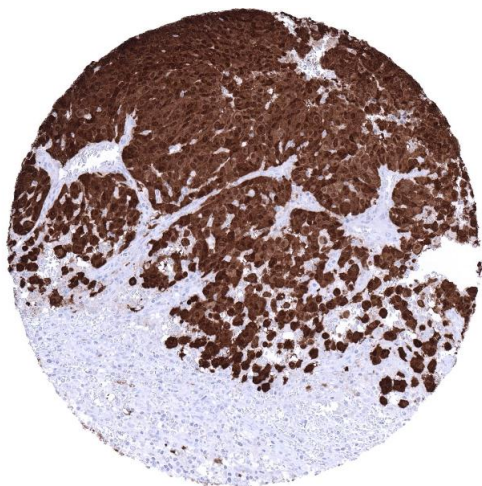
Restrictions: For Research Use only

## Handling

Format: Liquid

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



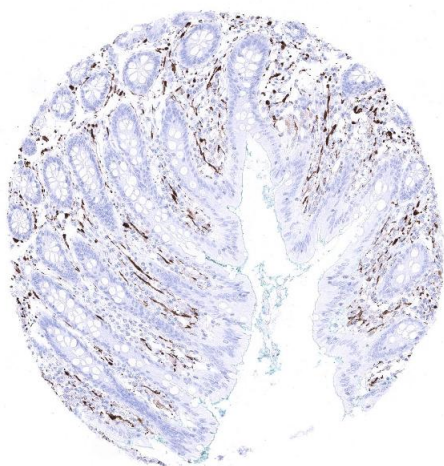
#### Immunohistochemistry

**Image 1.** Skin Malignant melanoma with strong S100B positivity in all tumor cells



#### Immunohistochemistry

**Image 2.** cerebrum grey



#### Immunohistochemistry

**Image 3.** Appendix mucosa