

S100P Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AD80113**Specification**

S100P Antibody - Product info

Application	IHC
Primary Accession	P25815
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	10400

S100P Antibody - Additional info

Gene ID	6286
Gene Name	S100P

Other Names

Protein S100-P, Migration-inducing gene 9 protein, MIG9, Protein S100-E, S100 calcium-binding protein P, S100P, S100E

Dilution

IHC~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

S100P Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

S100P Antibody - Protein Information**Name** S100P**Synonyms****Function****S100E**

May function as calcium sensor and contribute to cellular calcium signaling. In a calcium-dependent manner, functions by interacting with other proteins, such as EZR and PPP5C, and indirectly plays a role in physiological processes like the formation of microvilli in epithelial cells. May stimulate cell proliferation in an autocrine manner via activation of the receptor for activated glycation end products (RAGE).

Cellular Location

Nucleus. Cytoplasm. Cell projection,

Tissue Location

microvillus membrane. Note=Colocalizes with S100BP in the nucleus. Colocalizes with EZR in the microvilli in a calcium-dependent manner

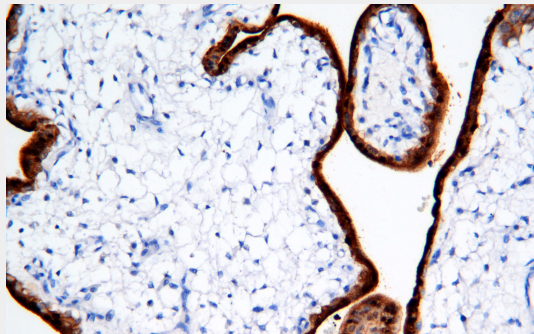
Detected in all of the tissues except brain, testis and small intestine, expression level is higher in placenta, heart, lung, skeletal muscle, spleen and leukocyte. Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias

S100P Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

S100P Antibody - Images



Immunohistochemical analysis of paraffin-embedded tissue using AD80267 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems □ Abcepta:AR005 □ was used as the secondary antibody.