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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	**S100E**
Function	**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,**

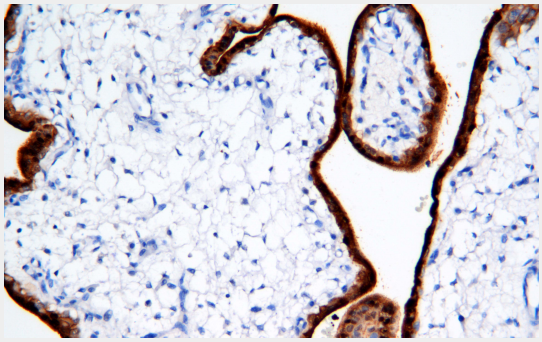
Tissue Location	**microvillus membrane. Note=Colocalizes with S100PBP in the nucleus. Colocolizes with EZR in the microvilli in a calcium-dependent manner** **Detected in all of the tissues except brain, testis and small intestine, expression level is higher in placenta, heart, lung, skeletal muscle, 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 Cytomety
- Cell Culture

S100P Antibody - Images



Immunohistochemical analysis of paraffin-embedded 0 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. AmpSeeTM Detection Systems□Abcepta:AR005□ was used as the secondary antibody.