10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

S100P Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AD80113

Product Information

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

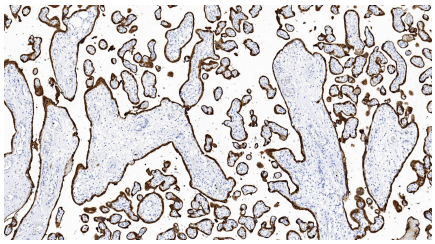
Additional Information

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~~1:100~500
Storage	Maintain refrigerated at 2-8°C.
Precautions	S100P Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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, microvillus membrane. Note=Colocalizes with S100PBP in the nucleus. Colocalizes with EZR in the microvilli in a calcium-dependent manner
Tissue Location	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.

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human placenta tissue was performed with Ki-67 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.