abcepta

S100P Rabbit mAb
Catalog # AP77606

Specification

S100P Rabbit mAb - Product Information

Application	**WB, IHC-P, IF, ICC, IP**
Primary Accession	P25815
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Isotype	**IgG**
Conjugate	**Unconjugated**
Immunogen	**A synthesized peptide derived from human S100P**
Purification	**Affinity Chromatography**
Calculated MW	**Calculated MW: 10 kDa; Observed MW: 10 kDa KDa**

S100P Rabbit mAb - Additional Information

Gene ID 6286

Other Names
S100P

Dilution
WB~~1/500-1/1000
IHC-P~~N/A
IF~~1/50-1/200
ICC~~N/A
IP~~N/A

Format
Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Storage
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

S100P Rabbit mAb - 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.

S100P Rabbit mAb - 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 Rabbit mAb - Images