

S100P (PT1648R) PT™ Rabbit mAb

CatalogNo: YM9490 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,IHC,IF,IP,ELISA

MW

- 10kD (Calculated)
- 10kD (Observed)

Isotype

- IgG,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:200-1:1000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT1648R

Immunogen Information

Specificity Endogenous

Target Information

Gene name S100P S100E

Protein Name Protein S100-P

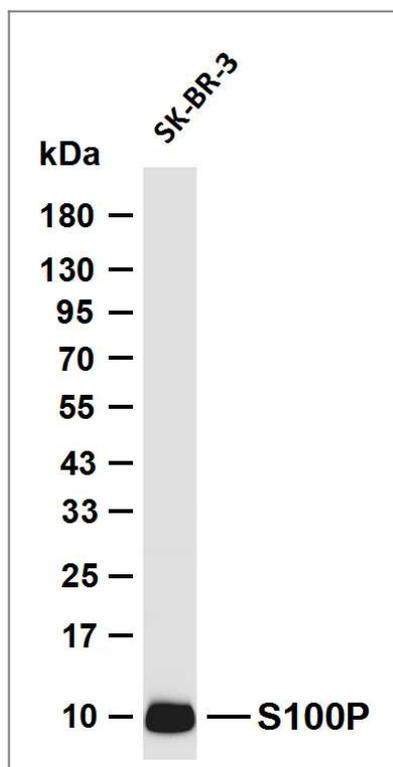
Organism	Gene ID	UniProt ID
Human	6286 ;	P25815 ;

Cellular Localization Nucleus. Cytoplasm. Cell projection, microvillus membrane. Colocalizes with S100PBP in the nucleus. Colocalizes with EZR in the microvilli in a calcium-dependent manner.

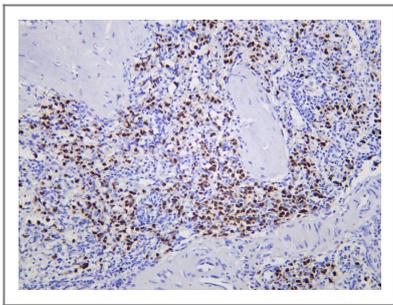
Tissue specificity Detected in all of the tissues except brain, testis and small intestine, expression level is higher in placenta, heart, lung, skeletal muscle, spleen and leukocyte. Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias.

Function miscellaneous:This protein binds two calcium ions.,similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,subcellular location:Colocalizes with S100PBP in the nucleus.,subunit:Homodimer. Interacts with S100PBP and S100Z.,tissue specificity:Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias.,

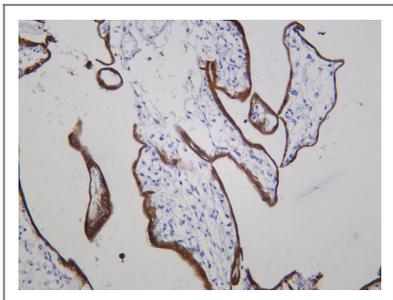
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-S100P (PT1648R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SK-BR-3 Predicted band size: 10kDa Observed band size: 10kDa



Human spleen was stained with anti-S100P (PT1648R) Rabbit antibody



Human placenta was stained with anti-S100P (PT1648R) Rabbit antibody

| Contact information

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