S100P Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150136 **Company：** HaoKebio

Uniprot ID:: P25815

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight: 10 kDa

Applications: IHC: 1:100-1:200
IHC-Polymer: 1:400-1:800
TSA:1:500-1:1000

Background:

S100P is a 95-amino acid protein belonging to the S100 family. By binding to Ca^{2+} ions, the receptor for advanced glycation end products (RAGE), the cytoskeletal protein ezrin, calcyclin-binding protein/Siah-1-interacting protein (CacyBP/SIP), and cathepsin D, S100P mediates tumor growth, metastasis, and invasion. S100P is highly expressed in the human placenta, gastrointestinal tract, and esophageal mucosa. It is overexpressed in various cancers including breast cancer, colon cancer, prostate cancer, pancreatic cancer, and lung cancer, but is generally negative in the pancreas and liver.

Protein full name:

S100 calcium binding protein P

Synonyms:

Protein S100-P

Immunogen:

A synthetic peptide corresponding to the C-termi nus of S100P was used as the immunogen.

Isotype:

IgG

Subcellular location:

Cytoplasm, Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

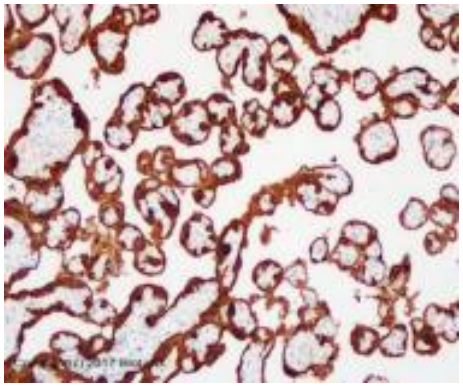
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 ℃ - 25 ℃) for 30 minutes.

Images:



Immunohistochemical results of S100P labeled with HKZ150 136 in human placental tissue (formalin-fixed, paraffin-embe dded sections). Tris-EDTA buffer (pH 9.0) was used for antig en retrieval.

Source of Reagents:

1. Jiang H et.al. J Cancer Res Clin Oncol. 2012 Jan;138(1):1-9.

2. Seppo Parkkila et.al. BMC Clin Pathol. 2008; 8: 2.

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发表[中文论文]请标注: S100P (HKZ150136)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:S100P (HKZ150136) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.