

Recombinant S100P Monoclonal Antibody

catalog number: **AN300132P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human S100P protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310093
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

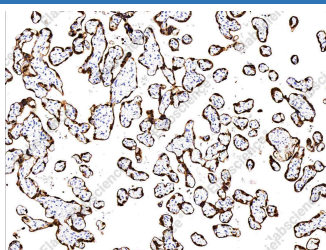
Recommended Dilution

1:1000-1:5000; IHC-P: 1:200-1:2000; ICC/IF: 1:200-1:500; FC: 1:200-1:1000; IP:

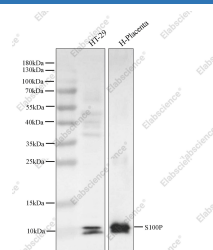
WB:

1:20

Data



Immunohistochemical analysis of paraffin-embedded Human placenta tissue sections using S100P Antibody (AN300132P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of HT-29 and Human Placenta cell lysates using S100P Antibody (AN300132P) at a dilution of 1:1500.

Observed-MW:10 kDa

Calculated-MW:10 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21; however, this gene is located at 4p16. This protein, in addition to binding Ca²⁺, also binds Zn²⁺ and Mg²⁺. This protein may play a role in the etiology of prostate cancer. [provided by RefSeq, Jul 2008]

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