Recombinant S100P Monoclonal Antibody

catalog number: **AN300132P**

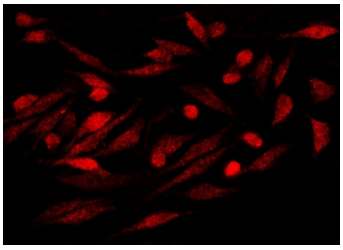
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

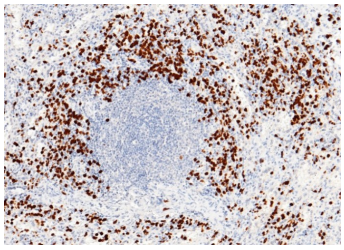
Reactivity	Human
Immunogen	Recombinant Human S100P protein
Host	Rabbit
Isotype	IgG
Clone	C310093
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000-1:5000; IHC-P: 1:200-1:2000; ICC/IF: 1:200-1:500; FC: 1:200-1:1000; IP: 1:20

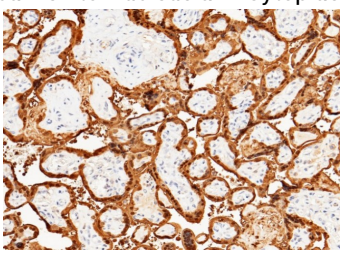
Data



Immunofluorescence analysis of S100P in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-S100P Monoclonal Antibody (dilution ratio 1:200) at 4°C overnight. Then cells were stained with the Alexa Fluor®594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to Nucleus and Cytoplasm.



Immunohistochemistry of paraffin-embedded human spleen using S100P Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human placenta using S100P Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

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

Background

Toll-free: 1-888-852-8623
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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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