Recombinant S100A7 Monoclonal Antibody

catalog number: AN300383P

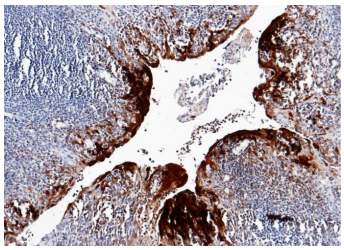
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

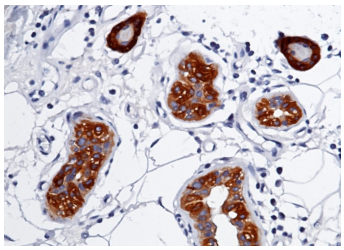
Reactivity	Human
Immunogen	Recombinant Human S100A7 protein
Host	Rabbit
Isotype	IgG
Clone	B309
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:250-1:1000

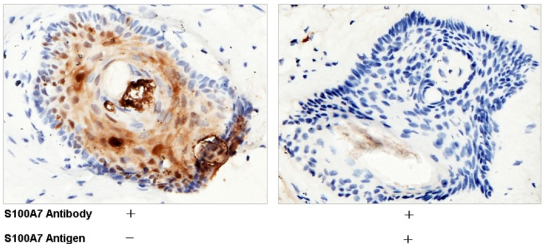
Data



Immunohistochemistry of paraffin-embedded human tonsil using S100A7 Monoclonal Antibody at dilution of 1:500. The image showing positive staining in crypt.



Immunohistochemistry of paraffin-embedded human skin (from donor 2) using S100A7 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded human skin (from donor 1) using S100A7 Monoclonal Antibody at dilution of 1:200. The image showing positive staining of epithelium. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
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Fax: 1-832-243-6017

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. This protein differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities.

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