

Anti-S100A7 Antibody (11696)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	11696
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human S100A7 in human tonsil with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections). The image showing positive staining in crypt.
	2. Immunochemical staining of human S100A7 in human skin (from donor 2) with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human S100A7 in human skin (from donor 1) with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). 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).
Application:	IHC-P
Recommended	IHC-P: 1:250-1:1000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human S100A7 protein (TMPY-01346)
Antigen Species:	Human
Synonyms:	PSOR1;S100A7c
Biology Area:	Calcium-binding Proteins and Related Molecules

Research Background

Protein S100-A7, also known as S100 calcium-binding protein A7, Psoriasin, S100A7, and PSOR1, is a secreted protein which belongs to the S-100 family. S100A7 was first isolated from skin involved by psoriasis, which can be induced in cultured squamous epithelial cells. S100A7 is expressed by both normal cultured and malignant keratinocytes and malignant breast epithelial cells within ductal carcinoma in situ, suggesting an association with abnormal pathways of differentiation. S100A7 plays a role in the pathogenesis of inflammatory skin disease, as a chemotactic factor for hematopoietic cells. It also plays a role in early stages of breast tumor progression in association with the development of the invasive phenotype.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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