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CK10

Mouse Monoclonal antibody(Mab)
Catalog # AD80126

Product Information

Application	IHC-P
Primary Accession	P13645
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	311F8D3
Calculated MW	58827

Additional Information

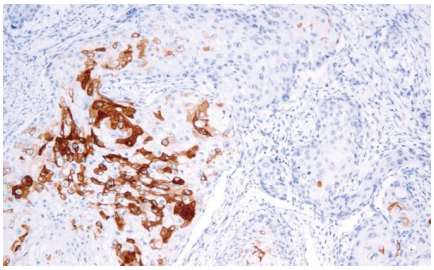
Gene ID	3858
Gene Name	KRT10
Other Names	Keratin, type I cytoskeletal 10, Cytokeratin-10, CK-10, Keratin-10, K10, KRT10, KPP
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	CK10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRT10 (HGNC:6413)
Synonyms	KPP
Function	Structural component of intermediate filaments in suprabasal keratinocytes of stratified epithelia. Forms heteropolymers primarily with the type II keratin KRT1, and also with KRT2, assembling into intermediate filament networks that support terminal differentiation, mechanical resilience, and epidermal barrier formation.
Cellular Location	Secreted, extracellular space. Cell surface. Cytoplasm
Tissue Location	Seen in all suprabasal cell layers including stratum corneum. Expressed on the surface of lung cell lines (PubMed:19627498). Localized on the surface of desquamated nasal epithelial cells (at protein level) (PubMed:12427098)

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human squamous cell carcinoma



tissue was performed with CK10 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.