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CK16 antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AD81524

Product Information

Application	IHC
Primary Accession	P08779
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	469H8E4
Calculated MW	51268

Additional Information

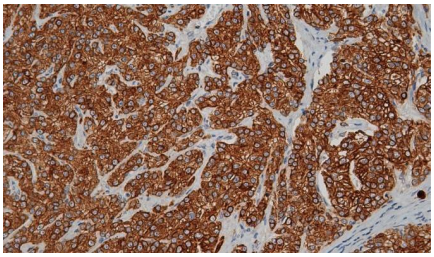
Gene ID	3868
Other Names	Keratin, type I cytoskeletal 16, Cytokeratin-16, CK-16, Keratin-16, K16, KRT16, KRT16A
Dilution	IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C.

Protein Information

Name	KRT16 (HGNC:6423)
Synonyms	KRT16A
Function	Structural component of intermediate filaments in epithelial keratinocytes. Forms heteropolymers with type II keratins KRT6A and KRT6B, assembling into keratin intermediate filament networks that contribute to cytoskeletal resilience of palm, sole, nail bed and oral mucosa (PubMed:7539673, PubMed:8595410). Regulates epidermal innate immunity and inflammatory signaling in response to barrier disruption. Required for normal palmoplantar epidermal differentiation and nail unit structure (By similarity).
Tissue Location	Expressed in the corneal epithelium (at protein level).

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human prostatic adenocarcinoma tissue was performed with CK16 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



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