10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CK16

Mouse Monoclonal antibody(Mab)
Catalog # AD80070

Product Information

Application	IHC-P
Primary Accession	P08779
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	775D4E1
Calculated MW	51268

Additional Information

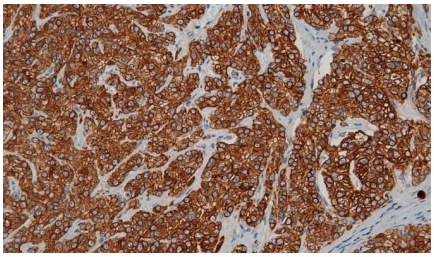
Gene ID	3868
Gene Name	KRT16
Other Names	Keratin, type I cytoskeletal 16, Cytokeratin-16, CK-16, Keratin-16, K16, KRT16, KRT16A
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	CK16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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