

Cytokeratin 16/K16 Rabbit mAb

Catalog # AP74904

Product Information

Application	WB, IHC-P
Primary Accession	P08779
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	51268

Additional Information

Gene ID	3868
Other Names	KRT16
Dilution	WB~~1:2000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

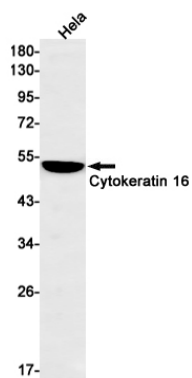
Name	KRT16
Synonyms	KRT16A
Function	Epidermis-specific type I keratin that plays a key role in skin. Acts as a regulator of innate immunity in response to skin barrier breach: required for some inflammatory checkpoint for the skin barrier maintenance.
Tissue Location	Expressed in the corneal epithelium (at protein level).

Background

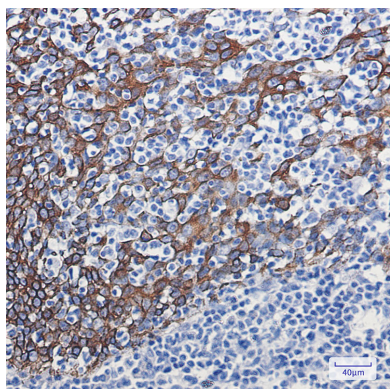
K16 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to

basic; 56-70 kDa) [K1 to K8].

Images



Western blot analysis of Cytokeratin 16 in HeLa lysates using Cytokeratin 16 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cytokeratin 16 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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