

Anti-Cytokeratin 10 KRT10 Rabbit Monoclonal Antibody

Catalog # ABO14186

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P13645
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cytokeratin 10 KRT10 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

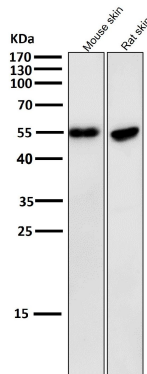
Gene ID	3858
Other Names	Keratin, type I cytoskeletal 10, Cytokeratin-10, CK-10, Keratin-10, K10, KRT10, KPP
Calculated MW	58827
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Tissue Specificity	Seen in all suprabasal cell layers including stratum corneum.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EEF-11
Immunogen	A synthesized peptide derived from human Cytokeratin 10
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

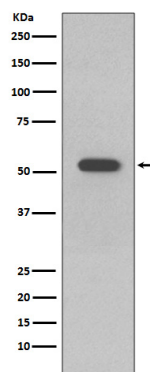
Name	KRT10 (HGNC:6413)
Synonyms	KPP

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)

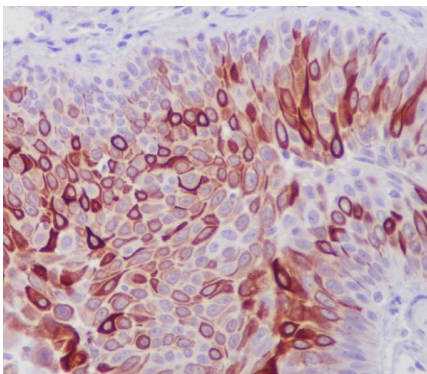
Images



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

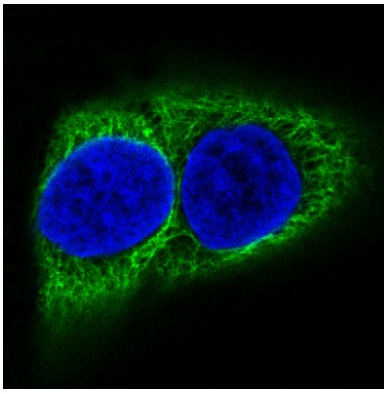


Western blot analysis of Cytokeratin 10 expression in A431 cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder, using Cytokeratin 10 Antibody.

Immunofluorescent analysis of HACAT cells, using Cytokeratin 10 Antibody.



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