

KD-Validated Anti-Keratin 10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1550

Product Information

Application	WB, ICC
Primary Accession	P13645
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB6105
Calculated MW	58827
Gene Name	KRT10
Aliases	KRT10; Keratin 10; K10; CK10; KPP; Keratin, Type I Cytoskeletal 10; Keratin 10, Type I; Cytokeratin 10; CK-10; Keratosis Palmaris Et Plantaris; Epidermolytic Hyperkeratosis; Cytokeratin-10; Keratin-10; BCIE; EHK2; BIE; EHK; IHL
Immunogen	A synthesized peptide derived from human Cytokeratin 10

Additional Information

Gene ID	3858
Other Names	Keratin, type I cytoskeletal 10, Cytokeratin-10, CK-10, Keratin-10, K10, KRT10, KPP

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)

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