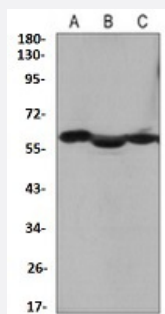


RecomAb™

KRT10 recombinant monoclonal antibody

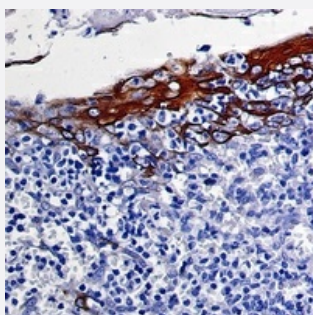
Catalog # RAB02447 Size 100 uL

Applications



Western Blot

Western blot analysis of rat skin (A), mouse skin (B), CHOK1 (C) whole cell lysates with Cytokeratin 10 recombinant monoclonal antibody (Cat # RAB02447).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human tonsil formalin fixed paraffin embedded tissue section using Cytokeratin 10 recombinant monoclonal antibody (Cat # RAB02447). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.115). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KRT10.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human Cytokeratin 10.
Theoretical MW (kDa)	58
Reactivity	Hamster, Human, Mouse, Rat

Specificity	Recognizes endogenous levels of Cytokeratin 10 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Gene Info — KRT10

Entrez GeneID	3858
Protein Accession#	P13645
Gene Name	KRT10
Gene Alias	CK10, K10, KPP
Gene Description	keratin 10

Omim ID	113800 148080 600648 607602
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Gene Ontology	Hyperlink
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Gene Summary	<p>This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. [provided by RefSeq]</p>
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Other Designations	cytokeratin 10
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