Product Datasheet

KRT14 Antibody (orb1410107)

Catalog Number	orb1410107
Category	Antibodies
Description	Rabbit monoclonal antibody to Cytokeratin 14 (KRT14) (Squamous Cell Marker)
Target	KRT14
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Immunogen	Recombinant human KRT14 fragment (around aa350-472) (exact sequence is proprietary)
UniProt ID	P02533
MW	~50kDa
Tested applications	IHC, WB

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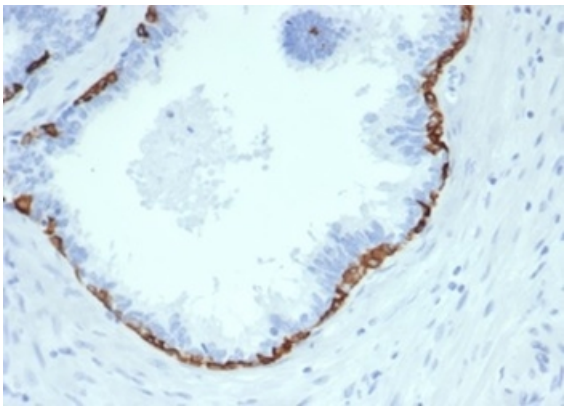
Specificity	Expressed in the corneal epithelium (at protein level) (PubMed:26758872). Detected in the basal layer, lowered within the more apically located layers specifically in the stratum spinosum, stratum granulosum but is not detected in stratum corneum. Strongly expressed in the outer root sheath of anagen follicles but not in the germinative matrix, inner root sheath or hair (PubMed:9457912). Found in keratinocytes surrounding the club hair during telogen (PubMed:9457912).
Antibody Type	Recombinant Antibody
Clone Number	KRT14/4584R
Expression System	HEK293 cells
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Formalin-fixed, paraffin-embedded human prostate stained with Cytokeratin 14 Recombinant Rabbit Monoclonal Antibody (KRT14/4584R). HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.

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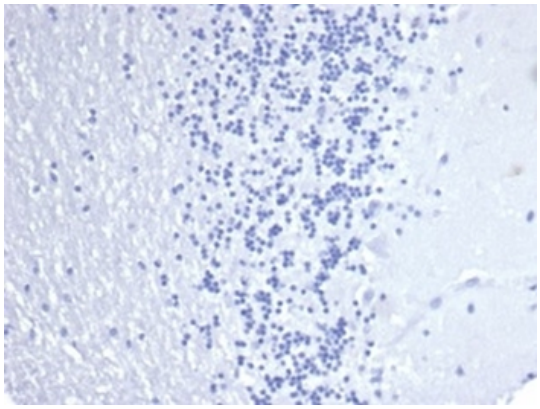

IHC analysis of formalin-fixed, paraffin-embedded human brain. Negative tissue control using KRT14/4584R at 2 ug/ml in PBS for 30 min RT. HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.

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