

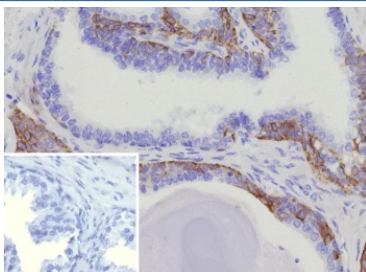
## Recombinant CK15 Antibody / Cytokeratin 15 [clone KRT15/9088R] (V5513)

Catalog No.	Formulation	Size
V5513-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5513-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5513SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

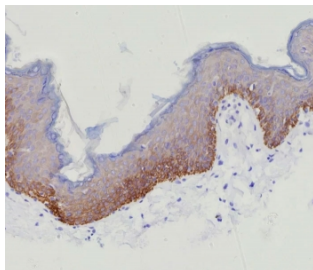
Recombinant **RABBIT MONOCLONAL**

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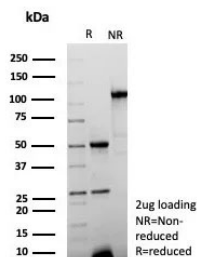
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	KRT15/9088R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P19012
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This recombinant CK15 antibody is available for research use only.



IHC staining of FFPE human prostate cancer tissue with recombinant CK15 antibody (clone KRT15/9088R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human skin tissue with recombinant CK15 antibody (clone KRT15/9088R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CK15 antibody (clone KRT15/9088R) as confirmation of integrity and purity.

## Description

Keratin 15 is a type I keratin which is expressed only in basal keratinocytes in stratified epithelia and does not appear to have a natural type II expression partner. KRT15 is downregulated in activated keratinocytes. It is a specific marker of stem cells of the hair-follicle bulge and may be a useful marker for diagnosis between basal cell carcinoma (BCC) and trichoepithelioma. Trichoblastoma are benign neoplasms of follicular differentiation frequently found in nevus sebaceous. Many morphologic features are shared with nodular basal cell carcinoma, sometimes rendering a diagnosis difficult. Trichoblastoma and BCC show variable expression of Cytokeratin 15 and Cytokeratin 19, and absence of hair keratins.

## Application Notes

Optimal dilution of the recombinant CK15 antibody should be determined by the researcher.

## Immunogen

Recombinant human full-length Cytokeratin 15 protein was used as the immunogen for the recombinant CK15 antibody.

## Storage

Aliquot the recombinant CK15 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.