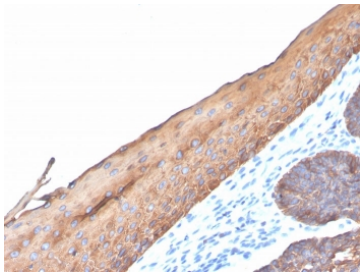
Recombinant Type I Cytokeratin Antibody (CK10/14/15/16/19) [clone KRTL/4440R] (V8658)

Catalog No.	Formulation	Size
V8658-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8658-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8658SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

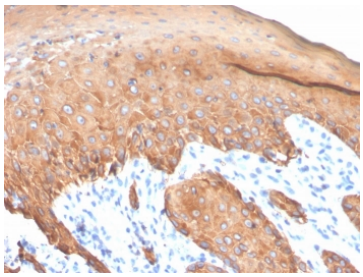
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	KRTL/4440R
Purity	Protein A affinity chromatography
UniProt	Q7Z794
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant Type I Cytokeratin antibody is available for research use only.



IHC staining of FFPE human colon carcinoma with recombinant Type I Cytokeratin antibody (clone KRTH/4440R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation. This antibody can detect high molecular weight CK10, CK14, CK15 and CK16 and low molecular weight CK19. It usually used in a cytokeratin cocktail with type II cytokeratin antibody.

Application Notes

Optimal dilution of the recombinant Type I Cytokeratin antibody should be determined by the researcher.

Immunogen

A portion of amino acids 100-200 from Type I Cytokeratins was used as the immunogen for the recombinant Type I Cytokeratin antibody.

Storage

Store the recombinant Type I Cytokeratin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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