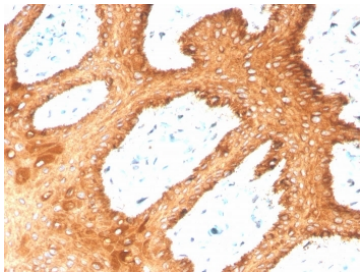
Recombinant Type II Cytokeratin Antibody (CK1-8) [clone KRTH/4392R] (V8657)

Catalog No.	Formulation	Size
V8657-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8657-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8657SAF-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
Clone Name	KRTH/4392R
Purity	Protein A affinity chromatography
UniProt	Q01546
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant Type II Cytokeratin antibody is available for research use only.



IHC staining of FFPE human skin with recombinant Type II Cytokeratin antibody (clone KRTH/4392R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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 CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.

Application Notes

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

Immunogen

A portion of amino acids 300-400 from Type II Cytokeratins was used as the immunogen for the recombinant Type II Cytokeratin antibody.

Storage

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