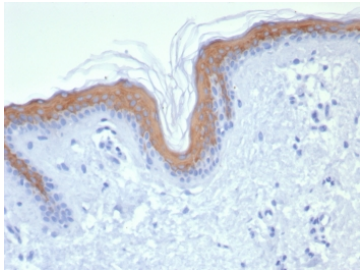
Cytokeratin 1 Antibody KRT1/8342R / CK1 Rabbit MAb [clone KRT1/8342R] (V4284)

Catalog No.	Formulation	Size
V4284-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4284-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4284SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

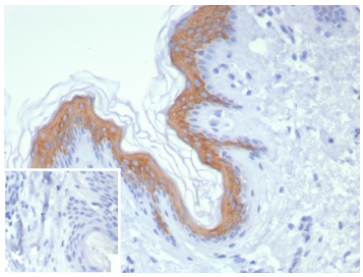
Recombinant RABBIT MONOCLONAL

Bulk quote request

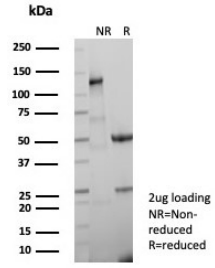
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	KRT1/8342R
Purity	Protein A/G affinity
UniProt	P04264
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This Cytokeratin 1 Antibody KRT1/8342R is available for research use only.



IHC staining of FFPE human skin tissue with Cytokeratin 1 Antibody KRT1/8342R. 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 Cytokeratin 1 Antibody KRT1/8342R. 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.



SDS-PAGE analysis of purified, BSA-free KRT1 antibody (clone KRT1/8342R) as confirmation of integrity and purity.

Description

Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Cytokeratin 1 is a hetero-tetramer of two type I as well as two type II keratins, keratin-10 (KRT10). Keratin 1 is differentiation specific keratin that is one of the predominant keratins in suprabasal keratinocytes in stratified epithelia. Mutations in keratin 1 cause epidermolytic hyperkeratosis.

Explore our Cytokeratin 1 Antibody LHK1 for investigating epidermal differentiation, keratin filament organization, and KRT1 expression in normal and diseased epithelial tissues.

Application Notes

Optimal dilution of the Cytokeratin 1 Antibody KRT1/8342R should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the Cytokeratin 1 Antibody KRT1/8342R.

Storage

Aliquot the Cytokeratin 1 Antibody KRT1/8342R and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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