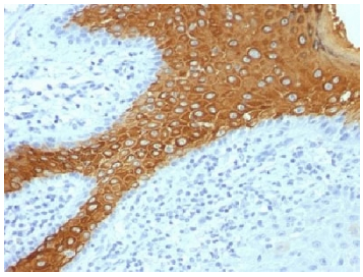
Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275 / Mouse Monoclonal Antibody Cocktail [clone KRT10/844 + KRT10/1275] (V3256)

Catalog No.	Formulation	Size
V3256-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3256-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3256SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRT10/844 + KRT10/1275
Purity	Protein G affinity chromatography
UniProt	P13645
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 0.1-0.2ug/ml for 30 min at RT
Limitations	This Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275 is available for research use only.



IHC testing of FFPE human skin with Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275. Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.

Description

Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275 recognizes a protein of 56.5kDa, identified as cytokeratin 10 (CK10). CK10 is expressed in all suprabasal layers of the epidermis. In the epidermis, expression of CK10 strictly parallels the extent of differentiation; it is absent in the basal layer, appears in the first suprabasal layers and increases in concentration towards the granular layer. However, CK10 is rarely detected in early stages of vulvar squamous carcinomas (tumors less than 2 cm, clinical stage I) regardless of the tumor grade. In larger and more advanced tumors (greater than 2 cm, clinical stages II and III), CK10 is detected very frequently. Expression of CK10 is related to maturation of malignant keratinocytes, being preferentially detected in more-differentiated parts.

Explore our Cytokeratin 10 Antibody KRT10/7804R, supported by Western blot and human skin immunohistochemistry data, for investigating epidermal differentiation and KRT10 expression.

Application Notes

Optimal dilution of the Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275 should be determined by the researcher.

Immunogen

Recombinant human KRT10 protein was used as the immunogen for the Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275.

Storage

Store the Keratin 10 Antibody Cocktail KRT10/844 + KRT10/1275 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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