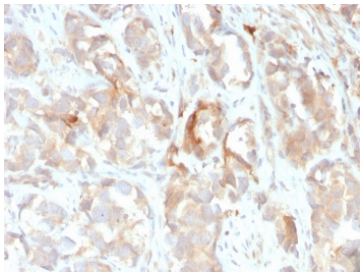
Cytokeratin 6B Antibody KRT6B/2116 / Mouse Monoclonal [clone KRT6B/2116] (V8389)

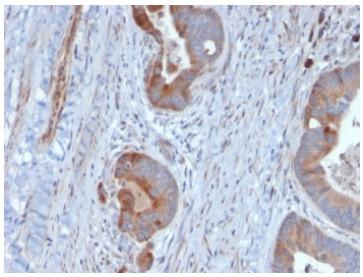
Catalog No.	Formulation	Size
V8389-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8389-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8389SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

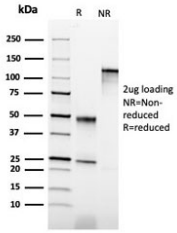
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	KRT6B/2116
Purity	Protein G affinity chromatography
UniProt	P04259
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This Cytokeratin 6B Antibody KRT6B/2116 is available for research use only.



Cytokeratin 6B Antibody KRT6B/2116 Immunohistochemistry Analysis. IHC staining of FFPE human prostate with Cytokeratin 6B antibody (clone KRT6B/2116). 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 prostate with Cytokeratin 6B antibody (clone KRT6B/2116). 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 Cytokeratin 6B antibody (clone KRT6B/2116) as confirmation of integrity and purity.

Description

Cytokeratin 6B Antibody KRT6B/2116 recognizes a protein of 56kDa, identified as cytokeratin 6 (CK6). In humans, multiple isoforms of Cytokeratin 6 (6A-6F), encoded by several highly homologous genes, have distinct tissue expression patterns, and Cytokeratin 6A is the dominant form in epithelial tissue. The gene encoding human Cytokeratin 6A maps to chromosome 12q13, and mutations in this gene are linked to several inheritable hair and skin pathologies. Keratins 6 and 16 are expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyper-proliferation-related keratins). Keratin 6 is found in hair follicles, suprabasal cells of a variety of internal stratified epithelia, in epidermis, in both normal and hyper-proliferative situations. Epidermal injury results in activation of keratinocytes, which express CK6 and CK16. CK6 is strongly expressed in about 75% of head and neck squamous cell carcinomas. Expression of CK6 is particularly associated with differentiation.

Explore our protein microarray-validated Cytokeratin 6 Antibody KRT6A/2368 for investigating keratinocyte activation, squamous differentiation, and KRT6A expression in epithelial tissues.

Application Notes

Optimal dilution of the Cytokeratin 6B Antibody KRT6B/2116 should be determined by the researcher.

Immunogen

Recombinant full-length human KRT6B protein was used as the immunogen for the Cytokeratin 6B Antibody KRT6B/2116.

Storage

Store the Cytokeratin 6B Antibody KRT6B/2116 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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