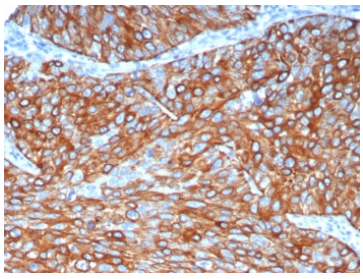
Cytokeratin 6A Antibody [clone KRT6/8120R] (V4287)

Catalog No.	Formulation	Size
V4287-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4287-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4287SAF-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	KRT6/8120R
Purity	Protein A/G affinity
UniProt	P02538
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Cytokeratin 6A antibody is available for research use only.



IHC staining of FFPE human lung adenocarcinoma tissue with Cytokeratin 6A antibody (clone KRT6/8120R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Cytokeratin 6 is an epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. This protein

always paired with the type-I keratin K16. Cytokeratin 6 have been identified in epidermis only in samples from plantar glabrous skin while in hairy skin this keratin appeared to be absent in interfollicular epidermis but were clearly present in hair follicle outer root sheath, and this protein also consistently expressed in non-keratinizing stratified squamous epithelia. Among tumors, cytokeratin 6 is typically and strongly expressed in squamous cell carcinomas of different sites, preferentially in inner, maturing layers of the tumor cell nests. Cytokeratin 6 is always used with cytokeratin 5 and is a useful aid for classification of epithelioid mesotheliomas.

Application Notes

Optimal dilution of the Cytokeratin 6A antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human KRT6 protein was used as the immunogen for the Cytokeratin 6A antibody.

Storage

Aliquot the Cytokeratin 6A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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