

Mouse anti-Human Cytokeratin 6A (KRT6A) Antibody | anti-KRT6A antibody

Cytokeratin 6A (KRT6A) (Basal Cell Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215059	Mouse	Human	Immunohistochemistry

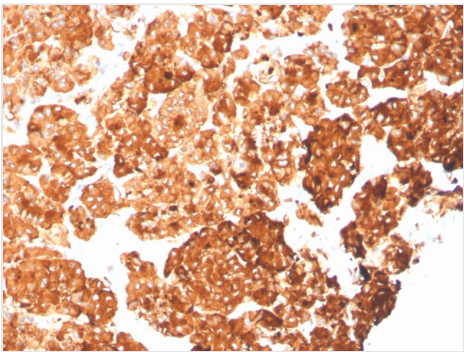
PRODUCT SYNONYMS

Cytokeratin 6A (KRT6A); Cytokeratin 6A (KRT6A) (Basal Cell Marker); 58kDa Cytokeratin; CK5; Cytokeratin-5; DDD1; Epidermolysis Bullosa Simplex 2 (EBS2); Keratin 5; Keratin; Type II Cytoskeletal 5; Keratin-5; KRT5; Type-II Cytoskeletal 5; Type-II keratin Kb5; anti-KRT6A antibody

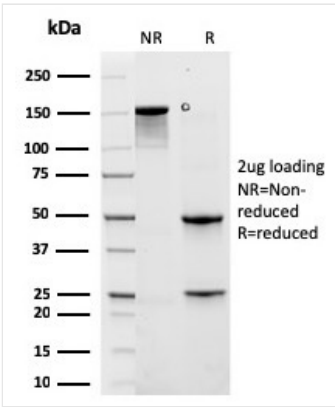
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rKRT6A/2100
Specificity	This MAb recognizes a protein of 56kDa, identified as cytokeratin 6A (KRT6A). In humans, multiple isoforms of Cytokeratin 6 (6A-6F), encoded by several highly homologous genes, have distinct tissue expression patterns. Cytokeratin 6A is the dominant form in epithelial tissue. Cytokeratin 6 and 16 are expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyper-proliferation-related keratins). Cytokeratin 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 KRT6 and KRT16. KRT6 is strongly expressed in about 75% of head and neck squamous cell carcinomas.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	564
Applicable Applications for anti-KRT6A antibody	IHC (Immunohistochemistry)
Positive Control	Tonsil or basal cell carcinoma.
Immunogen	Recombinant full-length human Cytokeratin 6A (KRT6A) protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12q13.13
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human pancreas stained with KRT6A Recombinant Mouse Monoclonal Antibody (rKRT6A/2100).



SDS-PAGE
SDS-PAGE Analysis Purified KRT6A Recombinant Mouse Monoclonal Antibody (rKRT6A/2100). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Stephens, K., et al. 1995. Am. J. Hum. Genet. 56: 577
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1346344
NCBI GeneID	3853
UniProt Accession #	P02538
Molecular Weight	58kDa
NCBI Official Full Name	Keratin, type II cytoskeletal 6A
NCBI Official Synonym Full Names	keratin 6A
NCBI Official Symbol	KRT6A
NCBI Official Synonym Symbols	K6A; K6C; K6D; PC3; CK6A; CK6C; CK6D; CK-6C; CK-6E; KRT6C; KRT6D
NCBI Protein Information	keratin, type II cytoskeletal 6A
UniProt Protein Name	Keratin, type II cytoskeletal 6A
UniProt Gene Name	KRT6A
UniProt Synonym Gene Names	K6A; KRT6D; CK-6A; CK-6D; K6A
UniProt Entry Name	K2C6A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cytokeratin-6a-kr6a/215059>