

Mouse anti-Human Cytokeratin 5/6 Monoclonal Antibody | anti-KRT5 antibody

Cytokeratin 5/6 (Basal, Myoepithelial & Mesothelial Cell Marker) Mouse Monoclonal Antibody [Clone KRT5.6/2438]

CATALOG # AAA216088	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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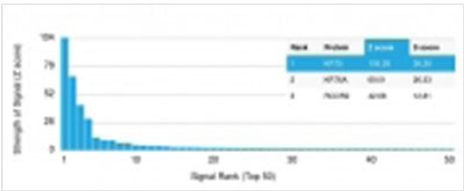
PRODUCT SYNONYMS

Cytokeratin 5/6; Monoclonal Antibody; Cytokeratin 5/6 (Basal; Myoepithelial & Mesothelial Cell Marker) Mouse Monoclonal Antibody [Clone KRT5.6/2438]; Myoepithelial & Mesothelial Cell Marker); CK5; Keratin-5; KRT5; Cytoskeletal 6A; ; KRT6A; anti-KRT5 antibody

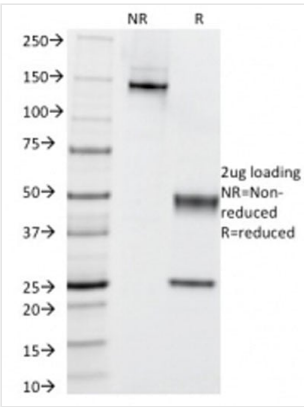
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	KRT5.6/2438
Specificity	It recognizes polypeptides of 58kDa and 56kDa, identified as cytokeratin 5 and 6 respectively. It shows no reaction with keratin 1, 8, or 19. It stains the basal cells of squamous and glandular epithelia, part of stratum spinosum of squamous epithelium, myoepithelium, and mesothelium. It does not stain adenous epithelium. Therefore, this antibody can be used to distinguish squamous carcinoma from adenocarcinoma, and to differentiate epithelioid mesothelioma from non-epithelioid mesothelioma and adenocarcinoma. It is also a useful antibody in the identification of mesothelioma and lung squamous cell carcinoma.
Form/Format	1.0mg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G.
Applicable Applications for anti-KRT5 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human KRT5 protein
Cellular Localization	Cytoplasmic
Positive Control	HeLa, HepG2 or PC12 cells. Human prostate, tonsil or skin.
Hu-chromosome Location	12q13.13 (KRT5 and KRT6A);
Unigene	433845; 700779
Preparation and Storage	Antibody without azide: store at -20 to -80 degree C Non-hazardous. No MSDS required.

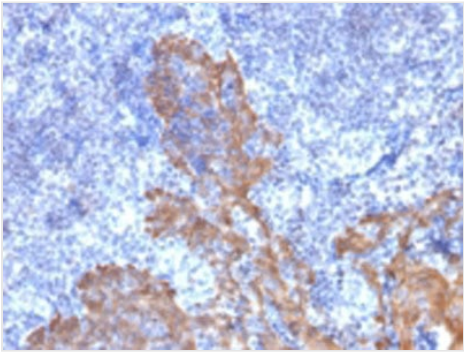
IMAGES



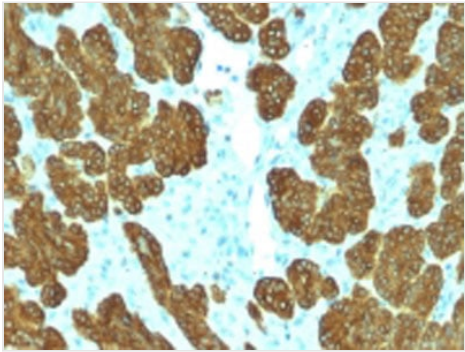
Application Data



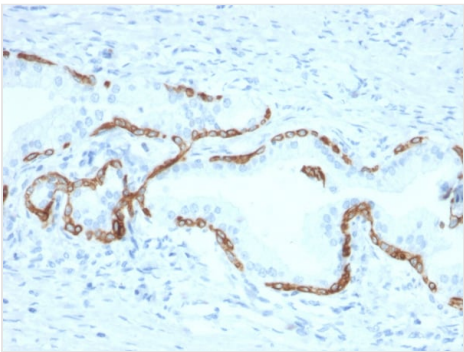
WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin 5/6
Mouse Monoclonal Antibody (KRT5. 6/2438).

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424.3
UniProt Accession #	P13647; P02538
Molecular Weight	58kDa (KRT5); 56kDa (KRT6A)
NCBI Official Full Name	keratin, type II cytoskeletal 5
NCBI Official Synonym Full Names	keratin 5

NCBI Official Symbol	KRT5
NCBI Official Synonym Symbols	K5; CK5; DDD; EBS2; KRT5A
NCBI Protein Information	keratin, type II cytoskeletal 5; CK-5; cytokeratin-5; 58 kda cytokeratin; type-II keratin Kb5; epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)
UniProt Protein Name	Keratin, type II cytoskeletal 5
UniProt Gene Name	KRT5
UniProt Synonym Gene Names	CK-5; K5
UniProt Entry Name	K2C5_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/monoclonal/cytokeratin-5-6-antibody-clone-krt5-6-2438-immunohistochemistry-elisa/216088>