

Mouse anti-Human, Mouse Cytokeratin 5 Monoclonal Antibody | anti-KRT5 antibody

Human Cytokeratin 5 (PT1682) Mouse Monoclonal Antibody

CATALOG # AAA30787	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Immunohistochemistry
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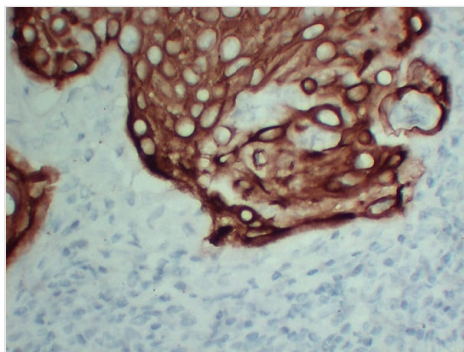
PRODUCT SYNONYMS

Cytokeratin 5; Monoclonal Antibody; Human Cytokeratin 5 (PT1682) Mouse Monoclonal Antibody; BH6842; Keratin; type II cytoskeletal 5 (58 kDa cyto keratin)(Cytokeratin-5)(CK-5)(Keratin-5)(K5)(Type-II keratin Kb5); anti-KRT5 antibody

PRODUCT SPECIFICATIONS

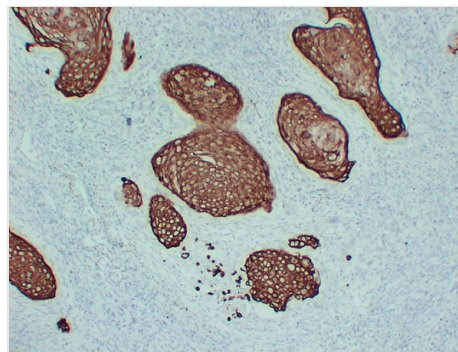
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse/IgG2a, Kappa
Specificity	The antibody detects endogenous levels of human Cytokeratin 5. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-KRT5 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	IHC-p: 1:100-500 WB: 1:500-2000
Immunogen	Synthesized peptide derived from human Cytokeratin 5
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



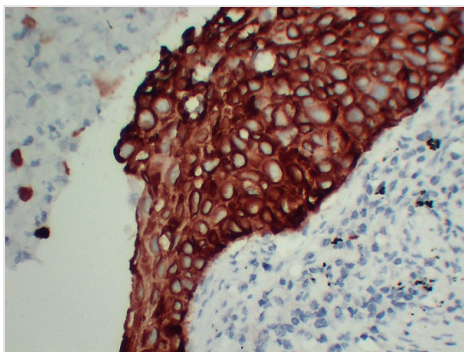
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Cervical squamous cell carcinoma-High magnification. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval



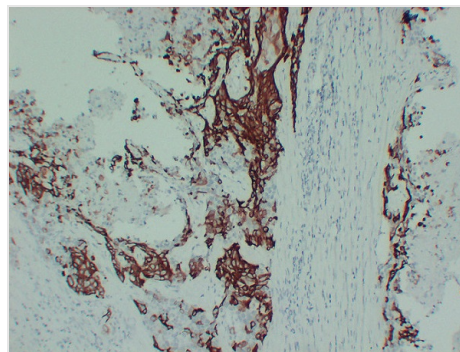
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Cervical squamous cell carcinoma. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval



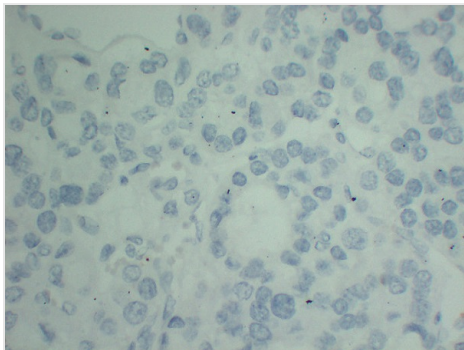
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Lung squamous cell carcinoma- High magnification. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval



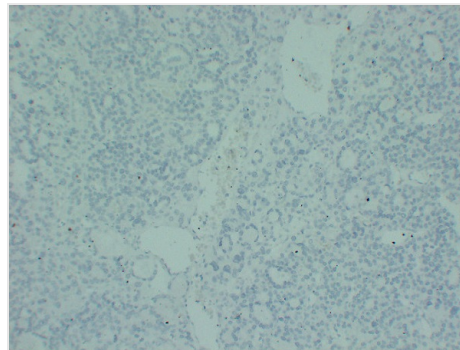
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Lung squamous cell carcinoma. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Medullary Thyroid Carcinoma- High magnification. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Medullary Thyroid Carcinoma. 1.Cytokeratin 5 Antibody was diluted at 1:200(4 degree overnight). 2. EDTA pH 8.0 was used for antigen retrieval

ADDITIONAL INFORMATION

Related Product Information for anti-KRT5 antibody

keratin 5 (KRT5) Homo sapiens. The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424.3
UniProt Accession #	P13647; Q6PI71; Q6UBJ0; Q8TA91
Molecular Weight	62,378 Da
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-antibody-immunohistochemistry-immunohistochemistry-elisa/30787>