

Rabbit Cytokeratin 5/KRT5 Monoclonal Antibody | anti-KRT5 antibody

Recombinant Anti-Cytokeratin 5/KRT5 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254192	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

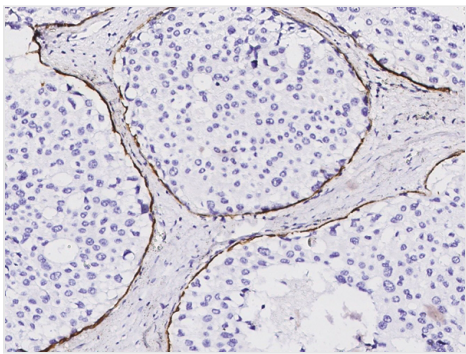
PRODUCT SYNONYMS

Cytokeratin 5/KRT5; Monoclonal Antibody; Recombinant Anti-Cytokeratin 5/KRT5 Antibody; Rabbit Monoclonal; KRT5 Antibody; Rabbit MAb; keratin 5; type II; Anti-CK5 Antibody; Anti-DDD Antibody; Anti-DDD1 Antibody; Anti-EBS2 Antibody; Anti-K5 Antibody; Anti-KRT5A Antibody; anti-KRT5 antibody

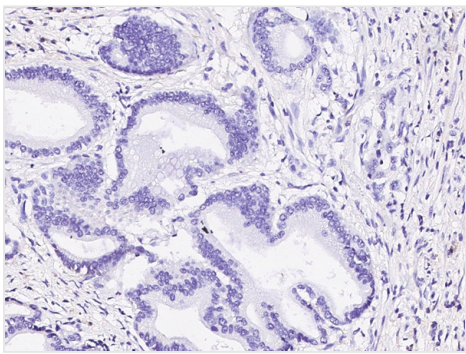
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	104
Specificity	Human Cytokeratin 5/KRT5
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-KRT5 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to the center region of the human KRT5
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with a synthetic peptide corresponding to the center region of the human KRT5.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

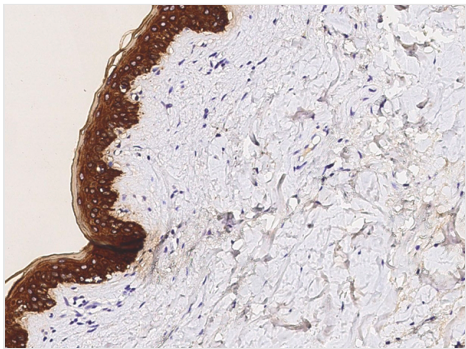
IMAGES



IHC (Immunohistochemisry)
Immunochemical staining of human CK5 in human breast carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohiostchemistry)
Immunochemical staining of human CK5 in human gastric cancer with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human CK5 in human skin with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT5 antibody	Keratin 5 is the major type II keratin of the basal cells of the epidermis and other stratified epithelia. With its type I partner, keratin 14, it constitutes a major fraction of the cytoskeleton of the basal cells. Epidermolysis bullosa simplex with mottled pigmentation (EBS-MP) is a rare dermatologic disorder of autosomal dominant inheritance with intraepidermal blistering after minor trauma, reticular hyperpigmentation unrelated to the blistering, nail dystrophy, and mild palmoplantar keratosis. Keratin 5 and keratin 14 are known to be essential for the basal keratinocyte cytoskeleton and are defective in several forms of epidermolysis bullosa simplex. Recently, a 71C-->T transition in the keratin 5 gene (KRT5) causing a P24L substitution was identified in some patients with EBS-MP.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-5-krt5-antibody-clone-104-immunohistochemistry-elisa/254192>