

Mouse Cytokeratin 17 Monoclonal Antibody | anti-KRT17 antibody

Cytokeratin 17

CATALOG # AAA59288	HOST Mouse	REACTIVITY Human, Rat, Goat and Pig	APPLICATIONS Immunohistochemistry
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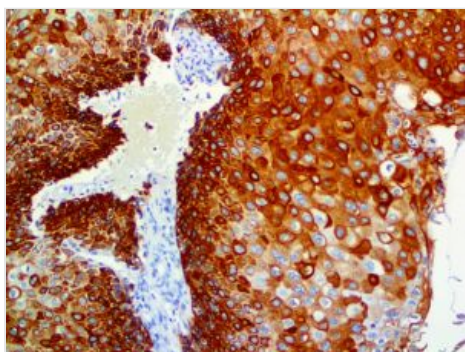
PRODUCT SYNONYMS

Cytokeratin 17; Monoclonal Antibody; anti-KRT17 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Goat and Pig
Clonality	Monoclonal
Isotype	IgG2a/K
Form/Format	Cytokeratin 17 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Sequence Length	432
Applicable Applications for anti-KRT17 antibody	IHC (Immunohistochemistry)
Localization	Cytoplasmic
Control	Skin, Testis, Breast, Cervix, Cervical Carcinoma, Bladder TCC
Intended Use	This antibody is intended for use in Immunohistochemical applications on formalin-fixed paraffin-embedded tissues (FFPE), frozen tissue sections and cell preparations. Interpretation of results should be performed by a qualified medical professional.
Immunogen	A synthetic peptide corresponding to human Cytokeratin 17 protein.
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)
IHC of CK 17 on an FFPE Cervical Cancer Tissue

Antibody Type	Dilution	Volume/Qty
Tinto Prediluted	Ready-to-Use	3.0 mL
Tinto Prediluted	Ready-to-Use	7.0 mL
Tinto Prediluted	Ready-to-Use	15.0 mL
Concentrated	1:25 - 1:100	0.1 mL
Concentrated	1:25 - 1:100	0.5 mL
Concentrated	1:25 - 1:100	1.0 mL
Control Slides	Not Applicable	5 slides

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-KRT17 antibody	Cytokeratin 17 (CK 17) is a Type I cytokeratin with a MW of 46 kD found sometimes in association with Cytokeratin 7. Cytokeratin 17 is found in nail beds, hair follicles, sebaceous glands, and other epidermal appendages. Mutations in the gene encoding this protein lead to Jackson-Lawler type Pachyonychia Congenita and Steatocystoma Multiplex. Cytokeratin 17 antibody has been used to distinguish immature Cervical Squamous Metaplasia from High Grade Cervical Intraepithelial Neoplasia (CIN III). Anti-CK 17 also labels myoepithelial cells in the benign breast tissue. CK 17 can be useful when included in a panel of antibodies against TTF-1, napsin A, CK 5&6, p63, and SOX-2 for differentiation between lung adenocarcinoma (LADC) and lung squamous cell carcinoma (SCLC), especially for poorly-differentiated lung carcinoma. CK 17 is expressed in SCLC much higher than in LADC. In breast carcinomas, approximately 20% of patients show no expression of ER, PR and Her2, which are defined as triple negative tumor. Eighty-five percent of the triple negative breast carcinomas immunoreact with basal cytokeratins including anti-CK 17. The histologic differentiation of ampullary cancer, intestinal vs. pancreatobiliary, is very important for treatment. Usually anti-CK 17 and anti-MUC1 immunoreactivity represents pancreatobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30379
NCBI GeneID	3872
UniProt Accession #	Q04695; Q6IP98; Q8N1P6; A5Z1M9; A5Z1N0; A5Z1N1; A5Z1N2; A6NDV6; A6NKQ2
Molecular Weight	48,106 Da
NCBI Official Full Name	cytokeratin 17
NCBI Official Synonym Full Names	keratin 17
NCBI Official Symbol	KRT17
NCBI Official Synonym Symbols	PC; K17; PC2; 39.1; CK-17; PCHC1
NCBI Protein Information	keratin, type I cytoskeletal 17
UniProt Protein Name	Keratin, type I cytoskeletal 17
UniProt Gene Name	KRT17
UniProt Synonym Gene Names	CK-17; K17
UniProt Entry Name	K1C17_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-17-antibody-immunohistochemistry-elisa/59288>