

Mouse Cytokeratin 5/6/18 Monoclonal Antibody

Cytokeratin 5/6/18

CATALOG # AAA215340	HOST Mouse	REACTIVITY Human, Cow, Rat	APPLICATIONS Immunohistochemistry
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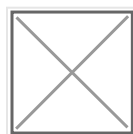
PRODUCT SYNONYMS

Cytokeratin 5/6/18; Monoclonal Antibody; CK5; Keratin-5; KRT5; Cytoskeletal 6;; KRT6; CK18; CYK18; K18; Keratin-18; KRT18; anti-Cytokeratin 5/6/18 antibody

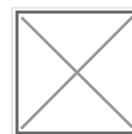
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Cow, Rat
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	LP34
Specificity	It recognizes polypeptides of 58kDa, 56kDa, and 45kDa, identified as cytokeratin 5, 6, and 18 respectively. It shows no reaction with keratin 1, 8, or 19. This MAb shows a broad pattern of reactivity with epithelial tissues, from simple glandular epithelia to stratified squamous epithelia. Epithelial cells are labeled whether they are ectodermal, mesodermal, or endodermal in origin. This MAb is useful in detecting cells of epithelial origin in mixed tumors, in effusions, in bone marrow samples, or in tissue culture cells.
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.
Applicable Applications for anti-Cytokeratin 5/6/18 antibody	IHC (Immunohistochemistry)
Positive Control	HeLa, HepG2 or PC12 cells. Tonsil or Skin.
Immunogen	Detergent-insoluble fraction of psoriatic human epidermis
Cellular Localization	Cytoplasmic
Hu-chromosome Location	Multiple
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



SDS-PAGE

SDS-PAGE Analysis Purified Cytokeratin, 5/6/18 Mouse Monoclonal Antibody (LP34).
Confirmation of Purity and Integrity of Antibody.


IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, 5/6/18 Mouse Monoclonal Antibody (LP34).

ADDITIONAL INFORMATION

References	Lane EB, et. al. Annals of the New York Academy of Sciences, 1985, 455:241-58.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	45-58kDa
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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-5-6-18-antibody-clone-lp34-immunohistochemistry-elisa/215340>