

Mouse Cytokeratin Pan Monoclonal Antibody

Cytokeratin Pan antibody

CATALOG # AAA108005	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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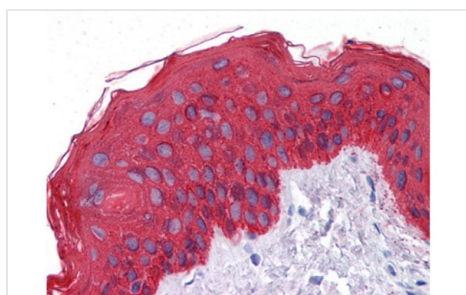
PRODUCT SYNONYMS

Cytokeratin Pan; Monoclonal Antibody; Cytokeratin Pan antibody; Monoclonal Cytokeratin Pan; Anti-Cytokeratin Pan; anti-Cytokeratin Pan antibody

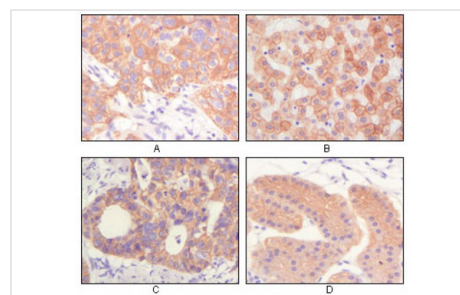
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7H8C4
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	100ul per vial (varies by lot)
Applicable Applications for anti-Cytokeratin Pan antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). 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. Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors.
Cross-Reactivity	Human
Immunogen	Purified recombinant fragment of CK5 expressed in E.coli.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

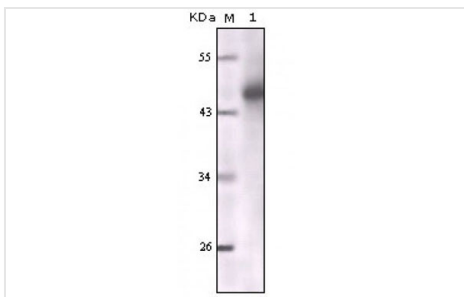
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Skin tissues using CK antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma (A), normal hepatocyte (B), colon adenocarcinoma (C), normal stomach tissue (D), showing cytoplasmic and membrane localization using CK antibody with DAB staining.



WB (Western Blot)

Western Blot showing CK antibody used against truncated CK5 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-Cytokeratin Pan antibody	Mouse monoclonal Cytokeratin Pan antibody
Product Categories/Family for anti-Cytokeratin Pan antibody	Cell Biology

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-pan-antibody-clone-7h8c4-western-blot-immunohistochemistry-immunofluorescence-elisa/108005>