

Mouse Cytokeratin, Multi Monoclonal Antibody | anti-KRT4 antibody

Cytokeratin, Multi (Epithelial Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62512	Mouse	Human, Cow, Rat, Mouse, Guinea Pig, Frog, Goat, Marmoset, Pig.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

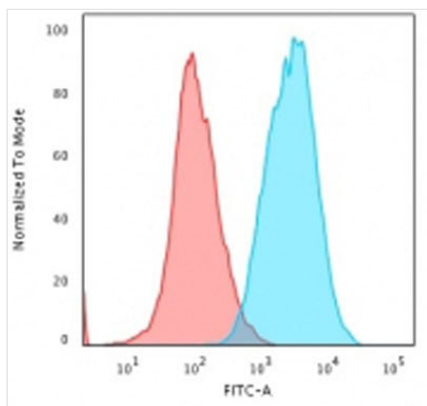
PRODUCT SYNONYMS

Cytokeratin; Multi; Monoclonal Antibody; Multi (Epithelial Marker) Mouse Monoclonal Antibody; anti-KRT4 antibody

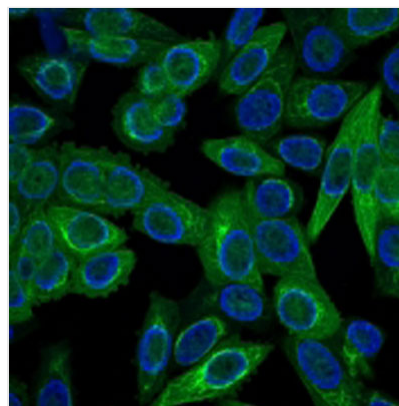
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Cow, Rat, Mouse, Guinea Pig, Frog, Goat, Marmoset, Pig.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	C11
Specificity	This MAb recognizes cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody, which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor.
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.
Sequence Length	534
Applicable Applications for anti-KRT4 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cytoplasmic
Immunogen	Keratin-enriched preparation from cultured human A431
Positive Control	A431 cells, Skin, Colon carcinoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Non-hazardous. No MSDS required.

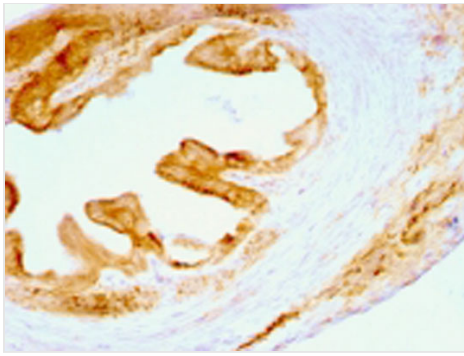
IMAGES



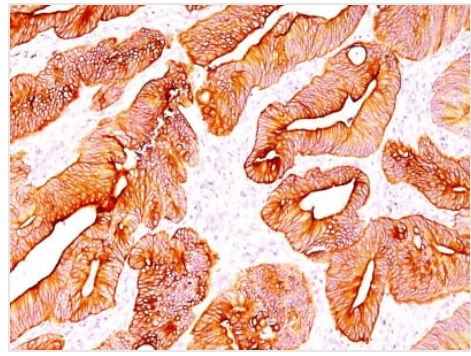
FCM/FACS (Flow Cytometry)



IF (Immunofluorescence)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Multi Cytokeratin Monoclonal Antibody (C11).

ADDITIONAL INFORMATION

References	Kovaik et al. Int.J.Cancer, Suppl. 3: 50-55, (1988).,Folia Biol., 35(6), 373-382, (1989),Vojtšek et al. Neoplasma 37(3), 333-342 (1990).,Kovaik et al. J. Tumor Marker Oncol. 5, 219 (1990).,Lane EB; Alexander CM. Seminars in Cancer Biology, 1990, 1:165-79
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82654947
NCBI GeneID	3851
UniProt Accession #	P19013; Q6GTR8; Q96LA7; Q9BTL1; F8VS64
Molecular Weight	Multiple
NCBI Official Full Name	Keratin, type II cytoskeletal 4
UniProt Protein Name	Keratin, type II cytoskeletal 4
UniProt Gene Name	KRT4
UniProt Synonym Gene Names	CYK4; CK-4; K4
UniProt Entry Name	K2C4_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-multi-antibody-clone-c11-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/62512>