

Mouse KRT7 / CK7 / Cytokeratin 7 Monoclonal Antibody | anti-KRT7 antibody

Mouse Monoclonal [clone RCK105] (IgG1) to Human KRT7 / CK7 / Cytokeratin 7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51861	Mouse	Cat, Dog, Hamster, Human, Mouse, Pig, Rat	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Immunohistochemistry, Immunohistochemistry

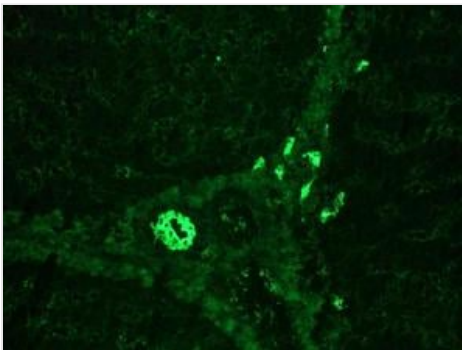
PRODUCT SYNONYMS

KRT7 / CK7 / Cytokeratin 7; Monoclonal Antibody; Mouse Monoclonal [clone RCK105] (IgG1) to Human KRT7 / CK7 / Cytokeratin 7; Anti-KRT7 / CK7 / Cytokeratin 7 Antibody (clone RCK105) IHC-plus; KRT7; CK-7; Cytokeratin 7; CK7; K2C7; K7; Keratin 7; Keratin-7; SCL; Type II mesothelial keratin K7; Cytokeratin-7; Sarcolectin; Type-II keratin Kb7; Human KRT7; anti-KRT7 antibody

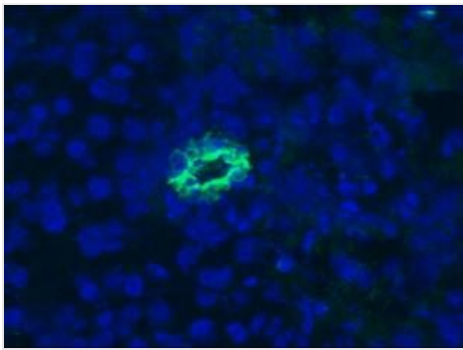
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Cat, Dog, Hamster, Human, Mouse, Pig, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	RCK105
Specificity	Reacts exclusively with cytokeratin 7 which is present in a subgroup of glandular epithelia and their tumors, as well as transitional epithelium and transitional carcinoma.
Purity/Purification	Purified
Form/Format	PBS containing 0.09% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	469
Applicable Applications for anti-KRT7 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Cytokeratins from the human bladder carcinoma cell line T24
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

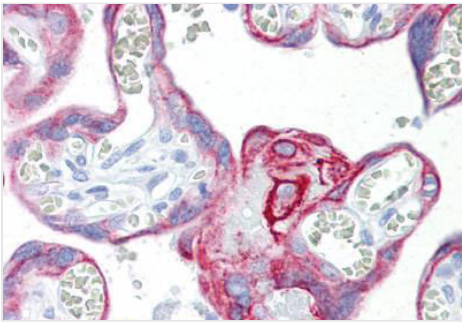
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry on frozen sections of swine liver, only bile duct epithelium positive; no reaction in hepatocytes



IHC (Immunohiostchemistry)
Immunohistochemistry on frozen sections of human liver, only bile duct epithelium positive; no reaction in hepatocytes



IHC (Immunohistochemistry)
Anti-KRT7 / Cytokeratin 7 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556.3
Molecular Weight	51,386 Da
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7; CK-7; keratin-7; sarcolectin; cytokeratin 7; cytokeratin-7; type-II keratin Kb7; type II mesothelial keratin K7; keratin, 55K type II cytoskeletal; keratin, simple epithelial type I, K7
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7
UniProt Synonym Gene Names	SCL; CK-7; K7
UniProt Entry Name	K2C7_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/krt7-ck7-cytokeratin-7-antibody-clone-rck105-flow-cytometry-western-blot-immunocytochemistry-immunohistochemistry-immunohistochemistry-elisa/51861>