

Mouse CK7 Monoclonal Antibody | anti-CK7 antibody

CK7 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300702	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CK7; Monoclonal Antibody; CK7 Mouse Monoclonal Antibody; CK-7; cytokeratin 7; Cytokeratin-7; K2C7; K7; keratin 7; anti-CK7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	12D7
Specificity	The CK7 Mouse Monoclonal antibody detects endogenous CK7 proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	469
Applicable Applications for anti-CK7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Name	CK7
Preparation and Storage	Store at -20°C

IMAGES



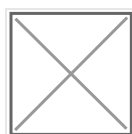
IF (Immunofluorescence)

Immunofluorescence analysis of human-liver tissue. 1, CK7 Monoclonal Antibody (12D7) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (Room Temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



IHC (Immunohistochemistry)

IHC staining of human lung cancer tissue with CK7 mouse mAb(12D7) diluted at 1:200.



WB (Western Blot)

Western blot analysis of Hela (lane 1), Mouse Kidney (lane 2) and Mouse Brain (lane 3), using diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-CK7 antibody	Cytokeratin 7 is a 54kD intermediate filament protein found in a variety of glandularepithelia. Cytokeratin 7 has been found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and larger collecting ducts of the kidney. It is present in the transitional epithelium of bladder as well as ovarian and lungepithelia, and occasionally staining of blood vessel cell walls, particularly endothelial cells, may be observed. However, Cytokeratin 7 is not expressed by epithelial cells of the gastrointestinal tract, colon or prostate. Keratin 7 is often co expressed with keratin 19.
Product Categories/Family for anti-CK7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556.3
UniProt Accession #	P08729; Q92676; Q9BUD8; Q9Y3R7
Molecular Weight	SDS-PAGE MW: 54kd
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7, type II
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7
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/ck7-antibody-clone-12d7-immunofluorescence-immunohistochemistry-western-blot-elisa/300702>