

Mouse CK7 Monoclonal Antibody | anti-CK7 antibody

CK7 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276791	Mouse	Human, Rat, Mouse	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CK7; Monoclonal Antibody; CK7 Mouse mAb; Cytokeratin 7; K2C7; K7; keratin 7; KRT7; Sarcolectin; SCL; Type II keratin Kb7; anti-CK7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CK7 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

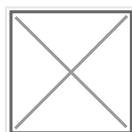
IMAGES


WB (Western Blot)

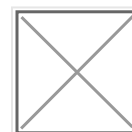
Western blot analysis of extracts from MCF-7 (Lane 1), Mouse Kidney (Lane 2), Rat Kidney (Lane 3), using CK7 diluted at 1:2,000.


Application Data

1. Input: Hela Cell Lysate 2. IP product: IP dilute 1:200 Western blot analysis: primary antibody : EM1054 1:1,000 Secondary antibody: Goat anti-Mouse IgG Light chain specific(S003), 1:5,000


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 1) Hela, 2) Mouse Kidney, 3) Mouse Brain with CK7 mAb 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 lung epithelia, 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	Cytoplasm

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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ck7-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/276791>