

Mouse anti-Human Keratin 7 Monoclonal Antibody | anti-K7 antibody

Keratin 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111287	Mouse	Human	Immunocytochemistry, Western Blot

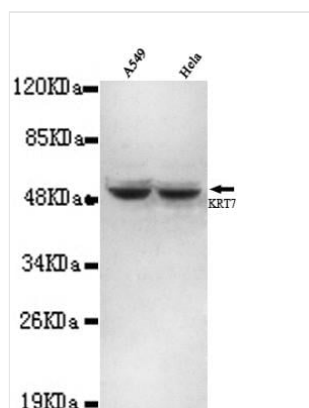
PRODUCT SYNONYMS

Keratin 7; Monoclonal Antibody; Keratin 7 Antibody; K7; CK7; SCL; K2C7; MGC3625; MGC129731; anti-K7 antibody

PRODUCT SPECIFICATIONS

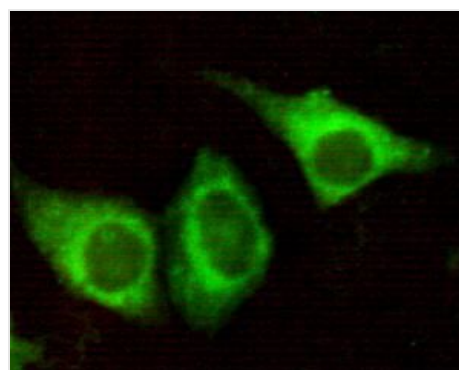
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody detects endogenous levels Keratin 7 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	469
Applicable Applications for anti-K7 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human Keratin 7 protein fragments expressed in E Coli.
Cellular Localization	Cytoplasm

IMAGES



Application Data

Western blot detection of Keratin 7(N-terminus) antibody in A459&HeLa cell lysates using Keratin 7(N-terminus) antibody (1:1000 diluted). Predicted band size: 50KDa Observed band size: 50KDa.



Application Data

Immunocytochemistry of HeLa cells using anti- Keratin 7(N-terminus) antibody diluted 1:150.

ADDITIONAL INFORMATION

Related Product Information for anti-K7 antibody	UniPort Summary Function: Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7). Entrez Summary: The protein encoded by this gene is a member of the keratin gene family. 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. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.
Product Categories/Family for anti-K7 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556
UniProt Accession #	P08729; Q92676; Q9BUD8; Q9Y3R7
Molecular Weight	50kDa
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
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7
UniProt Synonym Gene Names	SCL; CK-7; K7

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/keratin-7-antibody-immunocytochemistry-western-blot-elisa/111287>