

Mouse anti-Human Cytokeratin-7 Monoclonal Antibody | anti-KRT7 antibody

Cytokeratin-7 Antibody

CATALOG # AAA312008	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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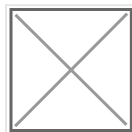
PRODUCT SYNONYMS

Cytokeratin-7; Monoclonal Antibody; Cytokeratin-7 Antibody; CK 7 antibody; CK-7 antibody; CK7 antibody; Cytokeratin 7 antibody; Cytokeratin-7 antibody; D15Wsu77e antibody; K2C7 antibody; K2C7_HUMAN antibody; K7 antibody; Keratin 7 antibody; Keratin 7; type II antibody; Keratin type II cytoskeletal 7 antibody; Keratin; 55K type II cytoskeletal antibody; simple epithelial antibody; simple epithelial type I; type II cytoskeletal 7 antibody; Keratin-7 antibody; Krt2-7 antibody; KRT7 antibody; MGC11625 antibody; MGC129731 antibody; MGC3625 antibody; Sarcolectin antibody; SCL antibody; Type II mesothelial keratin K7 antibody; Type-II keratin Kb7 antibody; anti-KRT7 antibody

PRODUCT SPECIFICATIONS

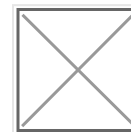
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	3-G3-D8
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-KRT7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



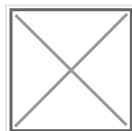
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-Cytokeratin-7 antibody. Counter stained with hematoxylin.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using anti-Cytokeratin-7 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Cytokeratin-7 on different cell lysates using anti- Cytokeratin-7 antibody at 1/1000 dilution. Positive control: Lane 1: MCF-7 Lane 2: A549 Lane 3: Hela Lane 4: HepG2 Lane 5: SKBR3 Lane6: SKOV3 Lane 7: SW1990

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	Keratin-7 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. Keratin-7 is found in simple glandular epithelia, and in transitional epithelium. Epithelial cells of the lung and breast both contain keratin-7, but some other glandular epithelia, such as those of the colon and prostate, do not. Because the keratin-7 antigen is found in both healthy and neoplastic cells, antibodies to CK7 can be used in immunohistochemistry to distinguish ovarian and transitional cell carcinomas from colonic and prostate cancers, respectively.
Product Categories/Family for anti-KRT7 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	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/cytokeratin-7-antibody-clone-3-g3-d8-immunohistochemistry-western-blot-elisa/312008>