

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

KRT7/CK7/Cytokeratin 7 Mouse anti-Human Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21356	Mouse	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

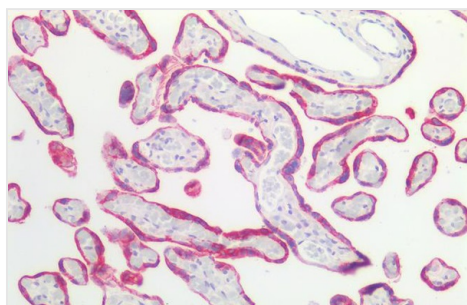
PRODUCT SYNONYMS

KRT7/CK7/Cytokeratin 7; Monoclonal Antibody; KRT7/CK7/Cytokeratin 7 Mouse anti-Human Monoclonal Antibody; PathPlus KRT7/CK7/Cytokeratin 7 Antibody; 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; anti-KRT7 antibody

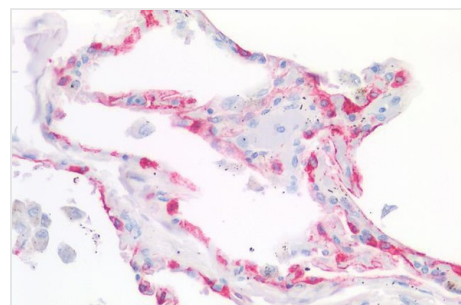
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Cytokeratin 7 protein.
Purity/Purification	Purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KRT7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Target	Human KRT7/CK7/Cytokeratin 7
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Cytokeratin 7.
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store at -20 degree C for 1 year. Avoid freeze/thaw cycles.

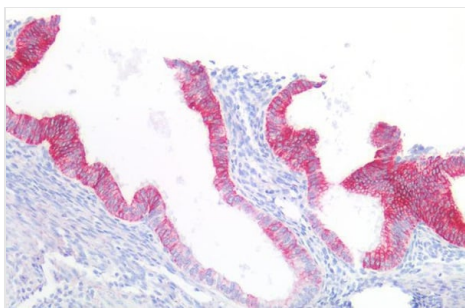
IMAGES


IHC (Immunohistochemistry)

KRT7/CK7/Cytokeratin 7 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

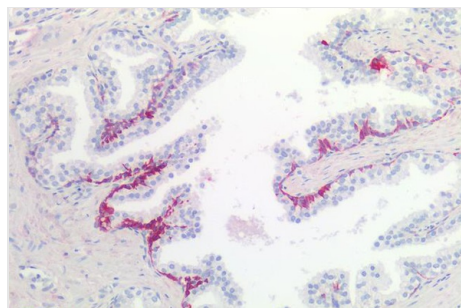

IHC (Immunohistochemistry)

KRT7/CK7/Cytokeratin 7 Antibody-Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)



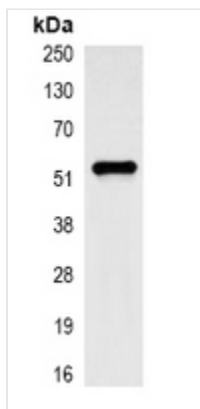
IHC (Immunohistochemistry)

KRT7/CK7/Cytokeratin 7 Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



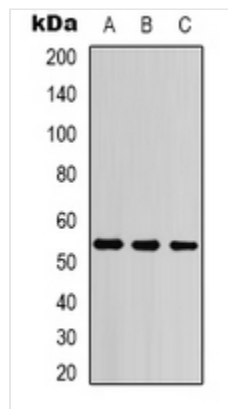
IHC (Immunohistochemistry)

KRT7/CK7/Cytokeratin 7 Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

KRT7/CK7/Cytokeratin 7 Antibody-Immunoprecipitation of Cytokeratin 7 from 0.5mg HeLa whole cell extract lysate; using Anti-Cytokeratin 7 Antibody.



WB (Western Blot)

KRT7/CK7/Cytokeratin 7 Antibody-Western blot analysis of Cytokeratin 7 expression in HeLa (A); mouse kidney (B); mouse brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	Cytokeratin 7 antibody is an unconjugated mouse monoclonal antibody to human Cytokeratin 7 (KRT7/CK7). Validated for IHC, IP and WB. CK7 (KRT7) is an intermediate filament type II keratin that is expressed in a number of simple epithelia including breast, lung, bladder, female genital tract (ovary, endometrium and fallopian tube), gastrointestinal tract, gallbladder, hepatic ducts, pancreatic ducts, and urinary tract. CK7 is usually positive in breast cancers as well as ovarian, lung, thyroid, endometrial, bladder and chromophobe renal cell carcinomas. It is negative in colon cancer, hepatocellular carcinomas, squamous cancers, and prostate adenocarcinomas. Staining for this target is expected to be cytoplasmic.
References	Front Oncol. 2018 Dec 18;8:634, PMID: 30619768; Manual of Diagnostic Cytology (2 ed.). 2003. Greenwich Medical Media, Ltd. p. 173. ISBN 978-1-84110-100-2; The Journal of Cell Biology. 2006. 174 (2): 169 -74, PMID: 16831889.

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/krt7-ck7-cytokeratin-7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/21356>