

Cytokeratin 7 Recombinant Antibody | KRT7 recombinant antibody

Recombinant Anti-Cytokeratin 7 Rabbit mAb [KO/KD Validated]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266242	Rabbit	Human	Immunohistochemistry, Western Blot

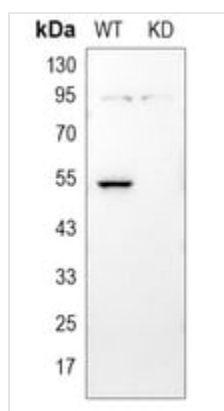
PRODUCT SYNONYMS

Cytokeratin 7; Monoclonal Recombinant Antibody; Recombinant Anti-Cytokeratin 7 Rabbit mAb [KO/KD Validated]; SCL; Keratin; type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7; KRT7 recombinant antibody

PRODUCT SPECIFICATIONS

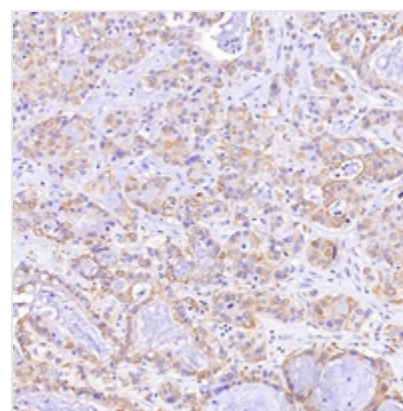
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Cytokeratin 7 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.3, 50% glycerol, and 0.05% Proclin300.
Applicable Applications for KRT7 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Cytokeratin 7. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



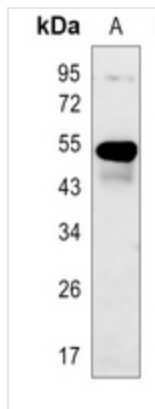
WB (Western Blot)

Western blot analysis of Cytokeratin 7 expression in wild type (WT) and knockdown (KD) HeLa cell lysates.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Cytokeratin 7 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
 Western blot analysis of Cytokeratin 7 expression in SGC7901 (A) whole cell lysates.
 (Predicted band size: 51 kD; Observed band size: 54 kD)

ADDITIONAL INFORMATION

Related Product Information for KRT7 recombinant antibody	Recombinant rabbit monoclonal antibody to Cytokeratin 7
Product Categories/Family for KRT7 recombinant antibody	Primary Antibody

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.