

Rabbit anti-Human CK-7 Polyclonal Antibody | anti-CK-7 antibody

CK-7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179817	Rabbit	Human	Immunofluorescence, Immunohistochemistry

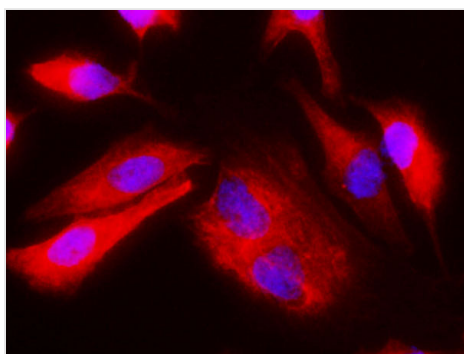
PRODUCT SYNONYMS

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

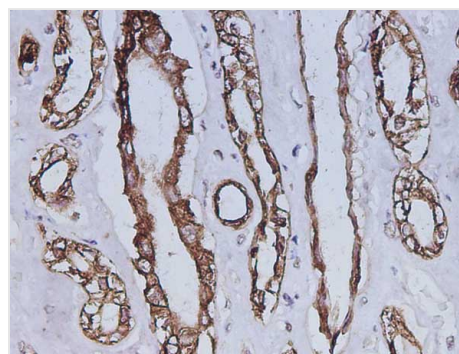
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CK-7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant Human CK-7 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

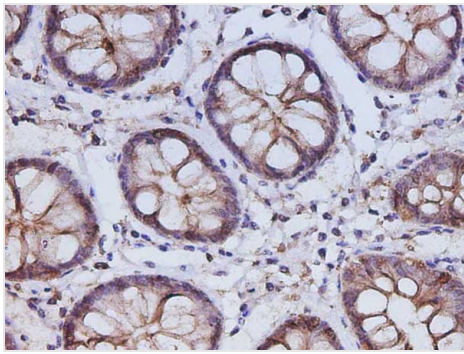
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of Hela cells using CK-7 Polyclonal Antibody at dilution of 1:200

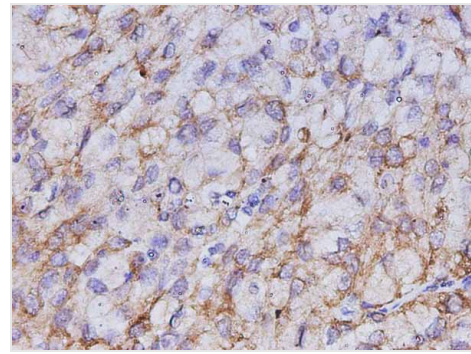

IHC (Immunohistochemistry)

Immunohistochemistry of paraffinembedded Human kidney using CK-7 Polyclonal antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffinembedded Human colon using CK-7 Polyclonal antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffinembedded Human lung adenocarcinoma using CK-7 Polyclonal antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-CK-7 antibody	Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT7, also named as cytokeratin 7, is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels, and their neoplasms. KRT7 is marker of epithelial tissues, but not present in carcinomas of stratified squamous cell origin. This antibody is specifically against KRT7.
Product Categories/Family for anti-CK-7 antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Cancer ; Signal Transduction

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.

