

Mouse Cytokeratin 18 Monoclonal Antibody | anti-CK18 antibody

Cytokeratin 18 (ABT054) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320620	Mouse	Human, Mouse, Rat	ELISA, Immunofluorescence, Western Blot, Immunohistochemistry

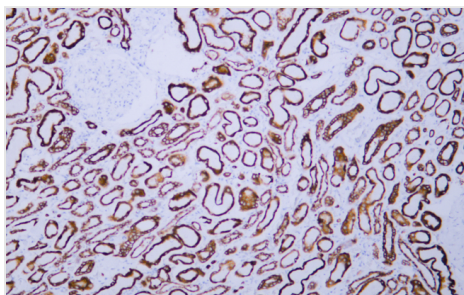
PRODUCT SYNONYMS

Cytokeratin 18; Monoclonal Antibody; Cytokeratin 18 (ABT054) Antibody; Keratin; type I cytoskeletal 18 (Cell proliferation-inducing gene 46 protein)(Cytokeratin-18)(CK-18)(Keratin-18)(K18); CK 18; CK-18; CK18; CYK18; Cytokeratin endo B; CytokeRatin-18; K 18; K18; K1C18_HUMAN; KA18; KeRatin 18; type I; KeRatin D; keRatin; type I cytoskeletal 18; KeRatin-18; Krt18; anti-CK18 antibody

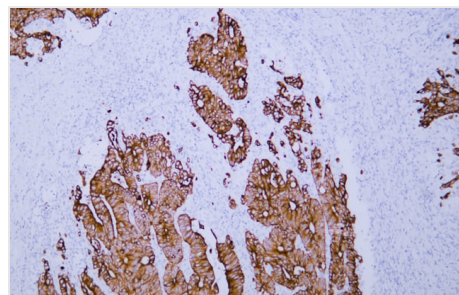
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	ABT054
Specificity	The antibody can specifically recognize human CK18 protein, and shows no cross reaction with CK1, 5, 6, 7, 8, 10, 13, 14, 15, 19, 20. In western blotting of HeLa and MCF7 cell lysates, the antibody can label a 45 kDa band corresponding to CK18.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-CK18 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Store at -20 degree C/1 year

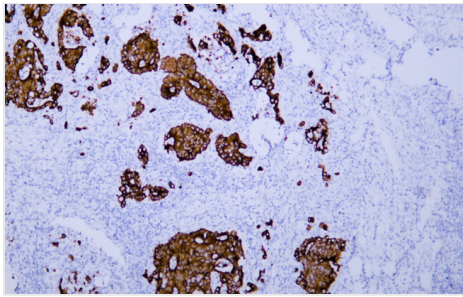
IMAGES



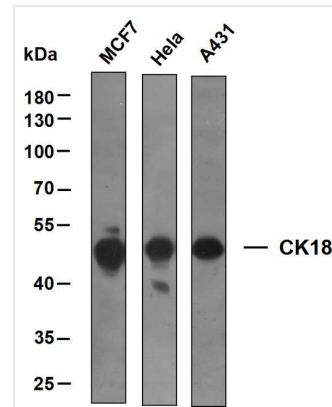
IHC (Immunohistochemistry)
Human kidney tissue was stained with Anti-Cytokeratin 18 (ABT054) Antibody



IHC (Immunohistochemistry)
Human colon carcinoma tissue was stained with Anti-Cytokeratin 18 (ABT054) Antibody



IHC (Immunohistochemistry)
Human colon carcinoma tissue was stained with Anti-Cytokeratin 18 (ABT054) Antibody



SDS-PAGE
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-CK18 antibody at 1ug/ml. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK18 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224.2
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
Molecular Weight	48,058 Da
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18
UniProt Entry Name	K1C18_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.