

anti-Human Keratin 18 Antibody | anti-KRT18 antibody

Keratin 18 (Phospho-Ser52) Antibody

CATALOG # AAA112119	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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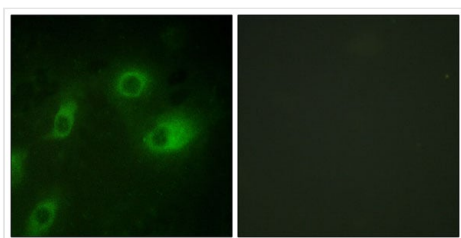
PRODUCT SYNONYMS

Keratin 18; Keratin 18 (Phospho-Ser52) Antibody; CK 18; CK18; CYK18; Cytokeratin endo B; K18; K1C18; KERD; KRT1-18; Keratin; Keratin D; type I cytoskeletal 18; cytokeratin 18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

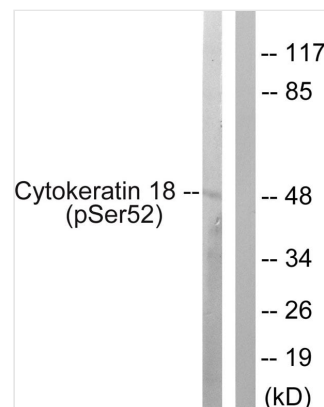
Reactivity	Human
Specificity	Cytokeratin 18 (Phospho-Ser52) antibody detects endogenous levels of Cytokeratin 18 only when phosphorylated at serine 52.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Cytokeratin 18 around the phosphorylation site of serine 52 (S-T-SP-F-R).
All Sites	Human: Ser52
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HepG2 cells, using Cytokeratin 18 (Phospho-Ser52) antibody. Immunofluorescence analysis of HeLa cells, using Cytokeratin 18 (Phospho-Ser52) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-KRT18 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Oshima R.G., Differentiation 33:61-68(1986). Ji H., Electrophoresis 18:605-613(1997). Ku N.-O., J. Biol. Chem. 270:11820-11827(1995).

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; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18

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/krt18-human-antibody/keratin-18/112119>