

anti-Human Keratin 18 Antibody | anti-K18 antibody

Keratin 18 (Phospho-Ser33) Antibody

CATALOG # AAA111208	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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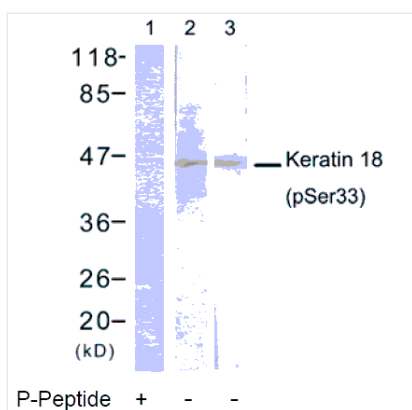
PRODUCT SYNONYMS

Keratin 18; Keratin 18 (Phospho-Ser33) Antibody; anti-K18 antibody

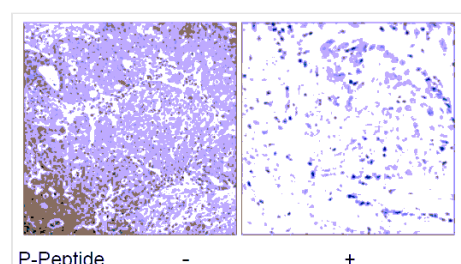
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Keratin 18 (Phospho-Ser33) antibody detects endogenous levels of Keratin 18 only when phosphorylated at serine 33.
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 Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	430
Applicable Applications for anti-K18 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Keratin 18 around the phosphorylation site of serine 33 (A-A-SP-V-Y).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from A431 cells (Lane 1 and 2) and EC-304 cells (Lane 3) using Keratin 18 (Phospho-Ser33) antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 18 (Phospho-Ser33) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-K18 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Ramaekers, F.C. and Bosman, F.T. (2004) J. Pathol. 204, 351-354. Chang, L. and Goldman, R.D. (2004) Nat. Rev. Mol. Cell Biol. 5, 601-613. Moll, R. et al. (1982) Cell 31, 11-24.
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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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/k18-human-antibody/keratin-18/111208>