

anti-Human Keratin 18 Antibody | anti-KRT18 antibody

Keratin 18 (Phospho-Ser33) Antibody

CATALOG # AAA267321	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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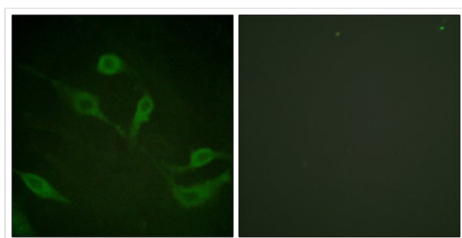
PRODUCT SYNONYMS

Keratin 18; Keratin 18 (Phospho-Ser33) 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

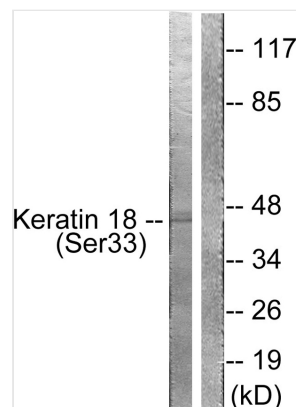
Reactivity	Human
Specificity	Keratin 18 (phospho-Ser33) antibody detects endogenous levels of Keratin 18 only when phosphorylated at serine 33.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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-KRT18 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
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).
All Sites	Human: Ser33
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



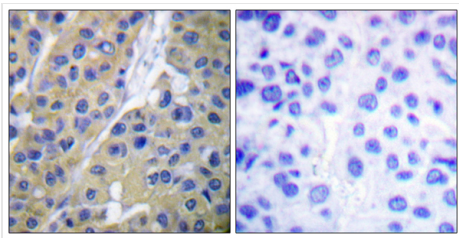
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using Keratin 18 (phospho-Ser33) antibody (#11316).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 18 (phospho-Ser33) antibody. Western blot analysis of extracts from HT29 cells, using Keratin 18 (phospho-Ser33) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	J Liao, J. Cell Biol., Dec 1995; 131: 1291. CF Chou and MB Omary, J. Biol. Chem., Feb 1993; 268: 4465-4472. NO Ku and MB Omary, J. Cell Biol., Oct 1994; 127: 161. Nam-On Ku J. Cell Biol., May 2000; 149: 547.
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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/krt18-human-antibody/keratin-18/267321>