

## anti-Human Keratin 18 Antibody | anti-KRT18 antibody

Keratin 18 (Ab-33) Antibody

| CATALOG # | REACTIVITY | APPLICATIONS                                                                       |
|-----------|------------|------------------------------------------------------------------------------------|
| AAA267322 | Human      | ELISA, Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot |

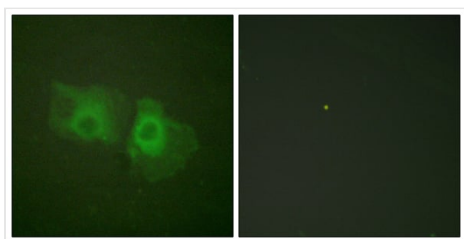
### PRODUCT SYNONYMS

Keratin 18; Keratin 18 (Ab-33) 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

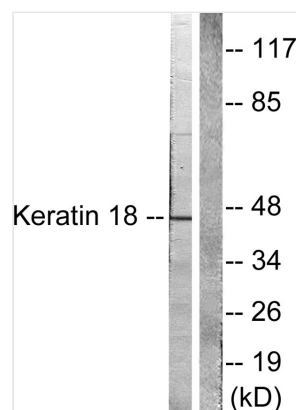
|                                                 |                                                                                                                                                            |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human                                                                                                                                                      |
| Specificity                                     | Keratin 18 (Ab-33) antibody detects endogenous levels of total Keratin 18 protein.                                                                         |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| 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), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                                    |
| Immunogen                                       | The antiserum was produced against synthesized non-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



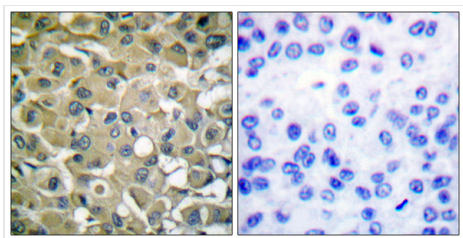
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Keratin 18 (Ab-33) antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with UV (5min), using Keratin 18 (Ab-33) antibody.



**IHC (Immunohistochemistry)**  
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 18 (Ab-33) antibody.

### 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. |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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                | <b>KRT18</b>                    |
| 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-18/267322>