

## anti-Human Keratin 8 Antibody | anti-K8 antibody

Keratin 8 (Phospho-Ser74) Antibody

|                               |                            |                                           |
|-------------------------------|----------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA110972</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|----------------------------|-------------------------------------------|

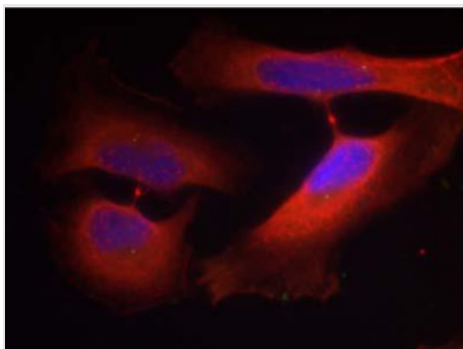
### PRODUCT SYNONYMS

Keratin 8; Keratin 8 (Phospho-Ser74) Antibody; anti-K8 antibody

### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                   | Human                                                                                                                                                                                                                                               |
| Specificity                                  | Keratin 8 (Phospho-Ser74) Antibody detects endogenous levels of Keratin 8 only when phosphorylated at serine 74.                                                                                                                                    |
| 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 <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                              | 483                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-K8 antibody | IF (Immunofluorescence)                                                                                                                                                                                                                             |
| Immunogen                                    | The antiserum was produced against synthesized phosphopeptide derived from human Keratin 8 around the phosphorylation site of serine 74 (L-L-SP-P-L).                                                                                               |
| Preparation and Storage                      | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence staining of methanol-fixed HeLa cells using Keratin 8 (Phospho-Ser74)

Antibody

### ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-K8 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 | Nakamichi I, et al. (2002) Mol Biol Cell; 13(10): 3441-3451. Prochasson P, et al. (2002) Nucleic Acids Res; 30(15): 3312-3322. Pankov R, et al. (1994) Proc Natl Acad Sci U S A; 91(3): 873-877. Thorey IS, et al. (1993) Mol Cell Biol; 13(11): 6742-6751. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 372466577                                                                                      |
| NCBI GeneID                      | 3856                                                                                           |
| NCBI Accession #                 | NP_001243222.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001256293.1                                                                                 |
| UniProt Accession #              | P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4 |
| NCBI Official Full Name          | keratin, type II cytoskeletal 8 isoform 2                                                      |
| NCBI Official Synonym Full Names | keratin 8                                                                                      |
| NCBI Official Symbol             | KRT8                                                                                           |
| NCBI Official Synonym Symbols    | K8; KO; CK8; CK-8; CYK8; K2C8; CARD2                                                           |
| NCBI Protein Information         | keratin, type II cytoskeletal 8                                                                |
| UniProt Protein Name             | Keratin, type II cytoskeletal 8                                                                |
| UniProt Gene Name                | KRT8                                                                                           |
| UniProt Synonym Gene Names       | CYK8; CK-8; K8                                                                                 |

**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.