

## Mouse anti-Human Cytokeratin 17 Monoclonal Antibody | anti-KRT17 antibody

Anti-Cytokeratin 17 Antibody

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA264864</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

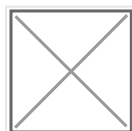
### PRODUCT SYNONYMS

Cytokeratin 17; Monoclonal Antibody; Anti-Cytokeratin 17 Antibody; Keratin type I cytoskeletal 17; 39.1; Cytokeratin-17; CK-17; Keratin-17; K17; anti-KRT17 antibody

### PRODUCT SPECIFICATIONS

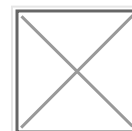
|                                                 |                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                    |
| Reactivity                                      | Human                                                                                                                    |
| Clonality                                       | Monoclonal                                                                                                               |
| Isotype                                         | Mouse IgG1                                                                                                               |
| Specificity                                     | Recognizes endogenous levels of Cytokeratin 17 protein.                                                                  |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                          |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                                  |
| Applicable Applications for anti-KRT17 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                            |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within human Cytokeratin 17. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.           |

### IMAGES



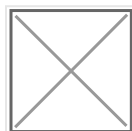
#### IF (Immunofluorescence)

Immunohistochemical analysis of Cytokeratin 17 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Cytokeratin 17 staining in human lung squamous carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Cytokeratin 17 expression in HeLa (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                             |
|-----------------------------------------------------|---------------------------------------------|
| Related Product Information for anti-KRT17 antibody | Mouse monoclonal antibody to Cytokeratin 17 |
|-----------------------------------------------------|---------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557701                                                                                                                                       |
| NCBI GeneID                      | 3872                                                                                                                                          |
| NCBI Accession #                 | NP_000413.1                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_000422.2                                                                                                                                   |
| UniProt Accession #              | Q04695; Q6IP98; Q8N1P6; A5Z1M9; A5Z1N0; A5Z1N1; A5Z1N2; A6NDV6; A6NKQ2                                                                        |
| Molecular Weight                 | 48,106 Da                                                                                                                                     |
| NCBI Official Full Name          | keratin, type I cytoskeletal 17                                                                                                               |
| NCBI Official Synonym Full Names | keratin 17                                                                                                                                    |
| NCBI Official Symbol             | KRT17                                                                                                                                         |
| NCBI Official Synonym Symbols    | PC; K17; PC2; PCHC1                                                                                                                           |
| NCBI Protein Information         | keratin, type I cytoskeletal 17; 39.1; CK-17; keratin-17; cytokeratin-17; keratin 17 epitope S1; keratin 17 epitope S2; keratin 17 epitope S4 |
| UniProt Protein Name             | Keratin, type I cytoskeletal 17                                                                                                               |
| UniProt Gene Name                | <b>KRT17</b>                                                                                                                                  |
| UniProt Synonym Gene Names       | CK-17; K17                                                                                                                                    |
| UniProt Entry Name               | K1C17_HUMAN                                                                                                                                   |

**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/monoclonal/cytokeratin-17-antibody-immunohistochemistry-western-blot-elisa/264864>