

## Rabbit anti-Human Cytokeratin 19 (KRT19) Monoclonal Antibody | anti-KRT19 antibody

Cytokeratin 19 (KRT19) Rabbit mAb

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA282959</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

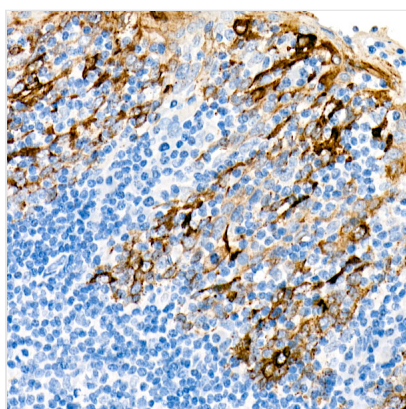
### PRODUCT SYNONYMS

Cytokeratin 19 (KRT19); Monoclonal Antibody; Cytokeratin 19 (KRT19) Rabbit mAb; K19; CK19; K1CS; anti-KRT19 antibody

### PRODUCT SPECIFICATIONS

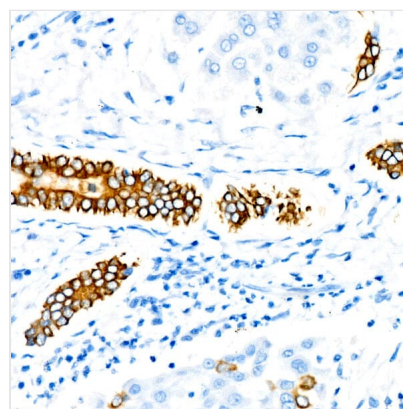
|                                                 |                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                              |
| Reactivity                                      | Human                                                                                                               |
| Clonality                                       | Monoclonal                                                                                                          |
| Isotype                                         | IgG                                                                                                                 |
| Purity/Purification                             | Affinity purification                                                                                               |
| Form/Format                                     | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.                                                        |
| Sequence                                        | RTLQGLEIEL QSQLSMKAAL EDTLAETEAR FGAQLAHIQA LISGIEAQLG DVRADSERQN QEYQRLMDIK<br>SRLEQEIATY RSLLEGQEDH YNNLSASKVL    |
| Applicable Applications for anti-KRT19 antibody | ELISA, IHC (Immunohistochemistry)                                                                                   |
| Cross Reactivity                                | Human, Mouse, Rat                                                                                                   |
| Immunogen                                       | A synthetic peptide corresponding to a sequence within amino acids 301-400 of human Cytokeratin 19 (KRT19)(P08727). |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                    |

### IMAGES



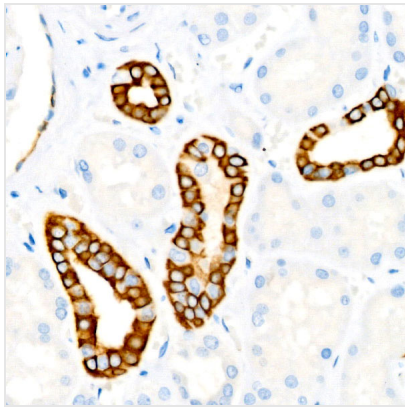
#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cytokeratin 19 (KRT19) Rabbit mAb (AAA282959) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



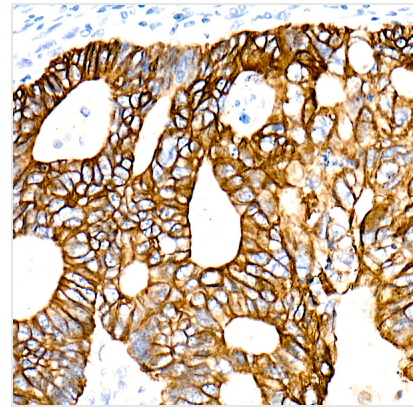
#### IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human liver using Cytokeratin 19 (KRT19) Rabbit mAb (AAA282959) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney using Cytokeratin 19 (KRT19) Rabbit mAb (AAA282959) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Cytokeratin 19 (KRT19) Rabbit mAb (AAA282959) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KRT19 antibody</b> | The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. |
| <b>Product Categories/Family for anti-KRT19 antibody</b>   | <a href="#">Signal Transduction</a> ; <a href="#">Cell Biology</a> <a href="#">Developmental Biology</a> ; <a href="#">Cytoskeleton</a> ; <a href="#">Intermediate Filaments</a> ; <a href="#">Extracellular Matrix</a> ; <a href="#">Keratin</a> ; <a href="#">Stem Cells</a> ; <a href="#">Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                   |                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                  | <a href="#">24234699</a>                                                                                                                                                                                                       |
| <b>NCBI GeneID</b>                | <a href="#">3880</a>                                                                                                                                                                                                           |
| <b>NCBI Accession #</b>           | <a href="#">NP_002267.2</a>                                                                                                                                                                                                    |
| <b>NCBI GenBank Nucleotide #</b>  | <a href="#">NM_002276.4</a>                                                                                                                                                                                                    |
| <b>UniProt Accession #</b>        | <a href="#">P08727</a> ; <a href="#">Q5XG83</a> ; <a href="#">Q6NW33</a> ; <a href="#">Q7L5M9</a> ; <a href="#">Q96A53</a> ; <a href="#">Q96FV1</a> ; <a href="#">Q9BYF9</a> ; <a href="#">Q9P1Y4</a> ; <a href="#">B2R874</a> |
| <b>Molecular Weight</b>           | Calculated MW: 44kDa                                                                                                                                                                                                           |
| <b>UniProt Protein Name</b>       | Keratin, type I cytoskeletal 19                                                                                                                                                                                                |
| <b>UniProt Gene Name</b>          | <b>KRT19</b>                                                                                                                                                                                                                   |
| <b>UniProt Synonym Gene Names</b> | CK-19; K19                                                                                                                                                                                                                     |
| <b>UniProt Entry Name</b>         | K1C19_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-19-krt19-antibody-immunohistochemistry-elisa/282959>