

## Mouse anti-Human Keratin 19 (KRT19) Monoclonal Antibody | anti-KRT19 antibody

Monoclonal Antibody to Keratin 19 (KRT19)

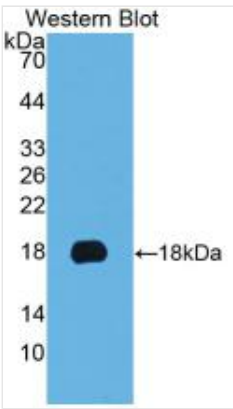
| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA146535 | Mouse | Human      | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

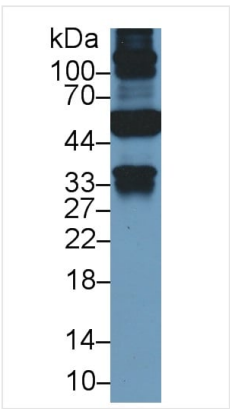
Keratin 19 (KRT19); Monoclonal Antibody; Monoclonal Antibody to Keratin 19 (KRT19); K19; CK19; K1CS; Cytokeratin 19; 40-kDa Keratin Intermediate Filament; Keratin; type I cytoskeletal 19; anti-KRT19 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                                         | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                    | D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity                                     | The antibody is a mouse monoclonal antibody raised against KRT19. It has been selected for its ability to recognize KRT19 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                             | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-KRT19 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                                       | Recombinant Keratin 19 (KRT19) (Leu245~Tyr391)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer Formulation                              | PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Label                                           | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                         | <p>Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.</p> <p>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



WB (Western Blot)  
Western Blot: Sample: RecombinantKRT19,Human.



WB (Western Blot)  
Western Blot: Sample: Human Liver lysate; Primary Ab: 2ug/ml Mouse Anti-Human KRT18 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 24234699                                                               |
| NCBI GeneID                      | 3880                                                                   |
| NCBI Accession #                 | NP_002267.2                                                            |
| NCBI GenBank Nucleotide #        | NM_002276.4                                                            |
| UniProt Accession #              | P08727; Q5XG83; Q6NW33; Q7L5M9; Q96A53; Q96FV1; Q9BYF9; Q9P1Y4; B2R874 |
| Molecular Weight                 | 44,106 Da                                                              |
| NCBI Official Full Name          | keratin, type I cytoskeletal 19                                        |
| NCBI Official Synonym Full Names | keratin 19                                                             |
| NCBI Official Symbol             | KRT19                                                                  |
| NCBI Official Synonym Symbols    | K19; CK19; K1CS                                                        |
| NCBI Protein Information         | keratin, type I cytoskeletal 19                                        |
| UniProt Protein Name             | Keratin, type I cytoskeletal 19                                        |
| UniProt Gene Name                | KRT19                                                                  |
| UniProt Synonym Gene Names       | CK-19; K19                                                             |

**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/keratin-19-krt19-antibody-clone-d1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/146535>