# anti-Human Cytokeratin 16 Monoclonal Antibody | anti-KRT16 antibody

Cytokeratin 16 Rabbit mAb

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA314278** | **Recombinant Rabbit** | **Human** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

Cytokeratin 16; Monoclonal Antibody; Cytokeratin 16 Rabbit mAb; Cytokeratin16; Keratin type I cytoskeletal 16; KRT 16; Keratin16; anti-KRT16 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Recombinant Rabbit |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Number** | S02-5F8 |
| **Purity/Purification** | Affinity Purified |
| **Form/Format** | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| **Concentration** | 0.3mg/ml (varies by lot) |
| **Applicable Applications for anti-KRT16 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant protein of human Cytokeratin 16 |
| **Conjugation** | Unconjugated |
| **Modification** | Unmodification |
| **Preparation and Storage** | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

## IMAGES

**IHC (Immunohiostchemistry)**
Immunohistochemistry of Cytokeratin 16 in paraffin-embedded Human tonsil using Cytokeratin 16 Rabbit mAb at dilution 1/100

**WB (Western Blot)**
Western blot detection of Cytokeratin 16 in Hela cell lysates using Cytokeratin 16 Rabbit mAb(1:1000 diluted).Predicted band size:51kDa.Observed band size:51kDa.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-KRT16 antibody** | Epidermis-specific type I keratin that plays a key role in skin. Acts as a regulator of innate immunity in response to skin barrier breach: required for some inflammatory checkpoint for the skin barrier maintenance. |
| **Product Categories/Family for anti-KRT16 antibody** | Primary Antibody |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 24430192 |
| **NCBI GeneID** | 3868 |
| **NCBI Accession #** | NP_005548.2 |
| **NCBI GenBank Nucleotide #** | NM_005557.3 |
| **UniProt Accession #** | P08779; P30654; Q16402; Q9UBG8; A8K488 |
| **Molecular Weight** | 51,268 Da |
| **NCBI Official Full Name** | keratin, type I cytoskeletal 16 |
| **NCBI Official Synonym Full Names** | keratin 16 |
| **NCBI Official Symbol** | KRT16 |
| **NCBI Official Synonym Symbols** | K16; CK16; K1CP; NEPPK; FNEPPK; KRT16A |
| **NCBI Protein Information** | keratin, type I cytoskeletal 16; CK-16; keratin-16; cytokeratin 16; cytokeratin-16; focal non-epidermolytic palmoplantar keratoderma |
| **UniProt Protein Name** | Keratin, type I cytoskeletal 16 |
| **UniProt Gene Name** | **KRT16** |
| **UniProt Synonym Gene Names** | KRT16A; CK-16; K16 |
| **UniProt Entry Name** | K1C16_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-16-antibody-clone-s02-5f8-immunohistochemistry-western-blot-elisa/314278