

## Mouse Cytokeratin, Basic Monoclonal Antibody | anti-KRT76 antibody

Cytokeratin, Basic (Type II or HMW) (Epithelial Marker) Mouse Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY                                 | APPLICATIONS                                                                                    |
|-----------|-------|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| AAA62731  | Mouse | Human, Rat. Shows broad species reactivity | Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA |

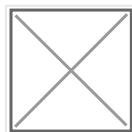
### PRODUCT SYNONYMS

Cytokeratin; Basic; Monoclonal Antibody; Basic (Type II or HMW) (Epithelial Marker) Mouse Monoclonal Antibody; KRT2B; KRT2P; HUMCYT2A; Keratin; Type II Cytoskeletal 2 Oral; K2P; K76; CK-2P; Keratin 2p; Keratin-76; Cytokeratin 2; Cytokeratin-2P; Type-II Keratin Kb9; anti-KRT76 antibody

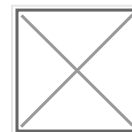
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                      | Human, Rat.<br>Shows broad species reactivity                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                         | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clone Number                                    | KRTH/1076                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                     | This MAb recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor. |
| Form/Format                                     | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                                                                                                                                                                                                                         |
| Sequence Length                                 | 638                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-KRT76 antibody | IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                                                                                                                                                                                                       |
| Cellular Localization                           | Cytoplasmic                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                       | Recombinant human KRT76 protein                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hu-Chromosome Location                          | 12q13.13                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Positive Control                                | Skin, Adenocarcinomas                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                         | Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.                                                                                                                                                                                                                                                                                      |

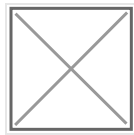
### IMAGES


**IHC (Immunohistochemistry)**

Formalin paraffin Rat Oviduct with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).


**IHC (Immunohistochemistry)**

Formalin paraffin Rat Stomach stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).



**IHC (Immunohistochemistry)**  
Formalin paraffin human Skin stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).

ADDITIONAL INFORMATION

|            |                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------|
| References | Woodcock-Mitchell J et. al. Journal of Cell Biology 1982;95:580-8.,2. Tseng SCG et. al. Cell 1982; 30361 |
|------------|----------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GI #                        | 153791670                                                                    |
| NCBI GeneID                      | 51350                                                                        |
| NCBI Accession #                 | NP_056932.2                                                                  |
| NCBI GenBank Nucleotide #        | NM_015848.4                                                                  |
| UniProt Accession #              | Q01546; Q7Z795; B4DRR3                                                       |
| Molecular Weight                 | 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8) |
| NCBI Official Full Name          | keratin, type II cytoskeletal 2 oral                                         |
| NCBI Official Synonym Full Names | keratin 76                                                                   |
| NCBI Official Symbol             | KRT76                                                                        |
| NCBI Official Synonym Symbols    | KRT2B; KRT2P; HUMCYT2A                                                       |
| NCBI Protein Information         | keratin, type II cytoskeletal 2 oral                                         |
| UniProt Protein Name             | Keratin, type II cytoskeletal 2 oral                                         |
| UniProt Gene Name                | KRT76                                                                        |
| UniProt Synonym Gene Names       | KRT2B; KRT2P; CK-2P; K2P; K76                                                |
| UniProt Entry Name               | K22O_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-basic-antibody-clone-krth-1076-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/62731>