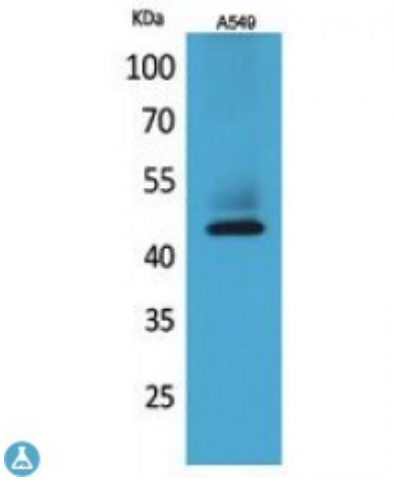
# Anti-Cytokeratin 19 antibody

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| **Description** | Rabbit polyclonal to Cytokeratin 19. |

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| **Model** | STJ96714 |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Applications** | ELISA, IHC, WB |
| **Immunogen** | Synthesized peptide derived from human Cytokeratin 19. |
| **Immunogen Region** | 321-370 aa, C-terminal |
| **Gene ID** | 3880 |
| **Gene Symbol** | KRT19 |
| **Dilution range** | WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000 |
| **Specificity** | Cytokeratin 19 Polyclonal Antibody detects endogenous levels of Cytokeratin 19 protein. |
| **Tissue Specificity** | Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbi |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Keratin, type I cytoskeletal 19 Cytokeratin-19 CK-19 Keratin-19 K19 |
| **Molecular Weight** | 45 kDa |
| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:6436OMIM:148020 |
| **Alternative Names** | Keratin, type I cytoskeletal 19 Cytokeratin-19 CK-19 Keratin-19 K19 |
| **Function** | Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. |
| **Sequence and Domain Family** | This keratin differs from all other IF proteins in lacking the C-terminal tail domain. |