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# Cytokeratin 5 Rabbit mAb

Catalog # AP77373

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, IF, ICC |
| **Primary Accession** | P13647 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Immunogen** | A synthesized peptide derived from human Cytokeratin 5 (C-term) |
| **Purification** | Affinity Chromatography |
| **Calculated MW** | 62378 |

## Additional Information

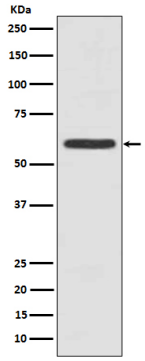
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|---|---|
| **Gene ID** | 3852 |
| **Other Names** | KRT5 |
| **Dilution** | WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

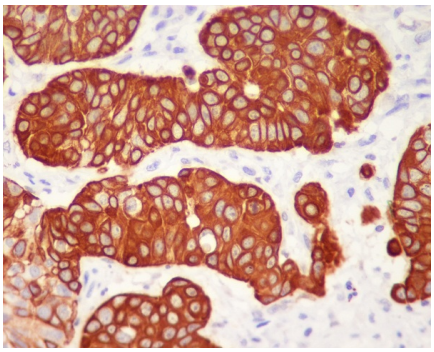
## Protein Information

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|---|---|
| **Name** | KRT5 ( HGNC:6442) |
| **Function** | Structural component of intermediate filaments in basal keratinocytes of stratified epithelia. Forms heteropolymers with type I partners including KRT14 and KRT15, contributing to the formation of the keratin intermediate filament network that provides mechanical stability and resilience to the basal layer of the epidermis (PubMed:1372711, PubMed:1694855). Regulates the recruitment of Langerhans cells to the epidermis, potentially by modulation of the abundance of macrophage chemotactic cytokines, macrophage inflammatory cytokines and CTNND1 localization in keratinocytes (By similarity). |
| **Cellular Location** | Cytoplasm. |
| **Tissue Location** | Expressed in corneal epithelium (at protein level) (PubMed:26758872). Expressed in keratinocytes (at protein level) (PubMed:20128788, |

PubMed:31302245).

## Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.