

**Cytokeratin 5 (C-term) Antibody**  
**Rabbit mAb**  
**Catalog # AP90190****Specification**

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**Cytokeratin 5 (C-term) Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	<a href="#">P13647</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
CK-5; CK5; Cytokeratin-5; DDD; EBS2; K2C5; K5; keratin 5; keratin 5 Keratin, type II;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	62378 Da

**Cytokeratin 5 (C-term) Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cytokeratin 5 (C-term)
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Cytokeratin 5 (C-term) Antibody - Protein Information****Name** KRT5**Function**

Required for the formation of keratin intermediate filaments in the basal epidermis and maintenance of the skin barrier in response to mechanical stress (By similarity). 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.

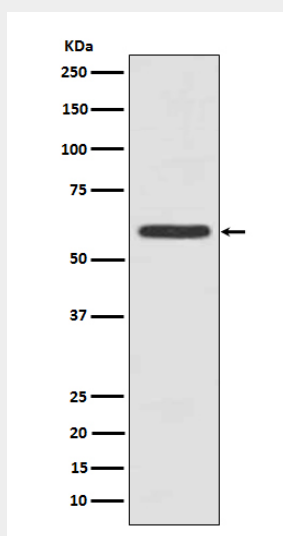
**Tissue Location**

Expressed in corneal epithelium (at protein level) (PubMed:26758872). Expressed in keratinocytes (at protein level) (PubMed:20128788, PubMed:31302245).

**Cytokeratin 5 (C-term) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Cytokeratin 5 (C-term) Antibody - Images**

Western blot analysis of Cytokeratin 5 expression in A431 cell lysate.