

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

Specification

Cytokeratin 5 (C-term) Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	P13647
Reactivity	Rat
Clonality	Monoclonal
Other Names	
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

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.

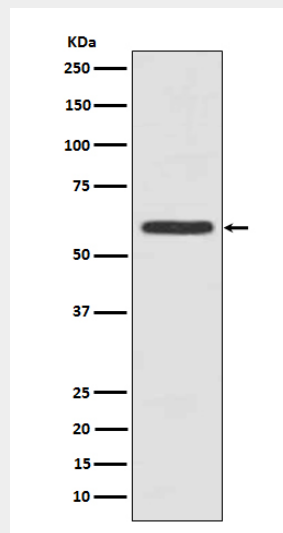
Tissue Location

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.