

Cytokeratin 5 Antibody
Rabbit mAb
Catalog # AP90655

Specification

Cytokeratin 5 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	P13647
Clonality	Monoclonal
Other Names	
58 kDa cytokeratin; CK-5; CK5; Cytokeratin-5; DDD1; EBS2; K2C5; K5; keratin 5; Krt5;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	62378 Da

Cytokeratin 5 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cytokeratin 5
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. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14.
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 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

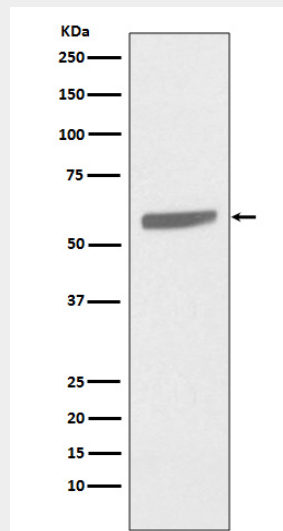
Expressed in corneal epithelium (at protein level) (PubMed:26758872). Expressed in keratinocytes (at protein level) (PubMed:20128788, PubMed:31302245).

Cytokeratin 5 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 Antibody - Images



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