

Anti-Cytokeratin-5/6 Antibody Catalog # AP53999

Specification

Anti-Cytokeratin-5/6 Antibody - Product Information

Application	WB
Primary Accession	P13647
Other Accession	P02538 , P04259 , P48668
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62378

Anti-Cytokeratin-5/6 Antibody - Additional Information

Gene ID 3852

Other Names

Keratin type II cytoskeletal 5; 58 kDa cytokeratin; Cytokeratin-5; CK-5; Keratin-5; K5; Type-II keratin Kb5

Target/Specificity

Recognizes endogenous levels of Cytokeratin-5/6 protein.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Cytokeratin-5/6 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

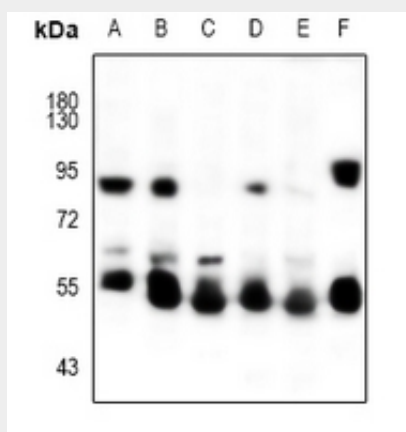
Expressed in corneal epithelium (at protein level) (PubMed:26758872). Expressed in keratinocytes (at protein level) (PubMed:20128788, PubMed:31302245).

Anti-Cytokeratin-5/6 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](#)

Anti-Cytokeratin-5/6 Antibody - Images



Western blot analysis of Cytokeratin-5/6 expression in A375 (A), EC9706 (B), HeLa (C), MCF7 (D), PC3 (E), rat ovary (F) whole cell lysates.

Anti-Cytokeratin-5/6 Antibody - Background

Rabbit polyclonal antibody to Cytokeratin-5/6