Cytokeratin 5 (C-term) Antibody

Rabbit mAb
Catalog # AP90190

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P13647
Reactivity	Human, Mouse
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

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
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.

Protein Information

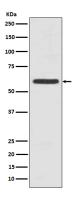|	
Name	KRT5
Function	Required for the formation of keratin intermediate filaments in the basal epidermis and maintenance of the skin barrier in response to mechanical stress (By similarity). Regulates the recruitment of Langerhans cells to the epidermis, potentially by modulation of the abundance of 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).

Images

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

Image not found : 202311/AP90190-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human urithelial carcinoma, using Cytokeratin 5 (C-term) Antibody.

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