



# Cytokeratin 6 (CK6) (ABT169R) Rabbit mAb (Ready to Use)

<b>Catalog No</b>	YP-rAb-18301
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC
<b>Gene Name</b>	KRT6A
<b>Protein Name</b>	CK 6A;CK 6B;CK 6C;CK 6D;CK 6E;CK-6B;CK-6C;CK-6E;Cytokeratin 6a;Cytokeratin 6B;Cytokeratin 6C;Cytokeratin 6D;Cytokeratin 6E;Cytokeratin-6B;Cytokeratin-6C;Cytokeratin-6E;K2C6C_HUMAN;K6a keratin;K6b keratin;K6C;K6c keratin;K6d keratin;K6e keratin;Keratin;Keratin K6h;Keratin type II cytoskeletal 6A;Keratin type II cytoskeletal 6B;Keratin type II cytoskeletal 6C;Keratin type II cytoskeletal 6D;Keratin type II cytoskeletal 6E;Keratin-6C;KRT6A;KRT6B;KRT6C;KRT6D;KRT6E;type II cytoskeletal 6C;Type-II keratin Kb12
<b>Purification Process</b>	Protein A
<b>Specificity</b>	This antibody detects endogenous levels of Cytokeratin 6
<b>Formulation</b>	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	2° C to 8° C/1 year,Ship by ice bag
<b>Synonyms</b>	CK 6A ; CK 6B ; CK 6C ; CK 6D ; CK 6E ; CK-6B ; CK-6C ; CK-6E ; Cytokeratin 6a ; Cytokeratin 6B ; Cytokeratin 6C ; Cytokeratin 6D ; Cytokeratin 6E ; CytokeRatin-6B ; CytokeRatin-6C ; CytokeRatin-6E ; K2C6C_HUMAN ; K6a keRatin ; K6b keRatin ; K6C ; K6c keRatin ; K6d keRatin ; K6e keRatin ; KeRatin ; KeRatin K6h ; KeRatin type II cytoskeletal 6A ; KeRatin type II cytoskeletal 6B ; KeRatin type II cytoskeletal 6C ; KeRatin type II cytoskeletal 6D ; KeRatin type II cytoskeletal 6E ; KeRatin-6C ; KRT6A ; KRT6B ; KRT6C ; KRT6D ; KRT6E ; type II cytoskeletal 6C ; Type-II keRatin Kb12

## Observed Band

## Calculated Molecular Weight

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#### 热销产品:

蛋白、一抗、抗体对、ELISA试剂盒、生化试剂盒  
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| 宏基因组、转录组、基因组、蛋白组、代谢组测序



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<b>Cell Pathway</b>	Cytoplasmic, Membranous
<b>Tissue Specificity</b>	Tonsil/ Prostate
<b>Function</b>	<p>allergen:Causes an allergic reaction in human. Binds to IgE from atopic dermatitis (AD) patients. Identified as an IgE autoantigen in atopic dermatitis (AD) patients with severe skin manifestations.,Disease:Defects in KRT6A are a cause of pachyonychia congenita type 1 (PC1) [MIM:167200]; also known as Jadassohn-Lewandowsky syndrome. PC1 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onychogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma, follicular hyperkeratosis, and oral leukokeratosis. Hyperhidrosis of the hands and feet is usually present.,miscellaneous:There are at least six isoforms of human type II keratin-6 (K6), K6A being the most abundant representing about 77% of all forms found in epithelia.,miscellaneous:There are two types of cytoskeletal and microfibrillar keratin, I (acidic) and II (neutral to basic) (40-55 and 56-70 kDa, respectively),similarity:Belongs to the intermediate filament family.,subunit:Heterodimer of a type I and a type II keratin. KRT6 isomers associate with KRT16 and/or KRT17. Interacts with TCHP.,tissue specificity:Constitutively expressed in distinct types of epithelia such as those in oral mucosa, esophagus, papillae of tongue and hair follicle outer root sheath.,</p>
<b>Background</b>	<p>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. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. In addition, peptides from the C-terminal region of the protein have antimicrobial activity against bacterial pathoge</p>
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

