Immunoway
Best Tools for immunology Research

Cytokeratin 6 (CK6) (ABT169R) rabbit mAb (Ready to Use)

Catalog No :	YM7105R
Reactivity :	Human;
Applications :	IHC
Target :	Cytokeratin 6
Gene Name :	KRT6A
Protein Name :	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 kera
Human Swiss Prot No :	P02538/P04259/P48668
Mouse Swiss Prot No :	P50446
Rat Swiss Prot No :	Q4FZU2
Immunogen :	Synthesized peptide derived from human Cytokeratin 6 AA range:2-100
Specificity :	This antibody detects endogenous levels of Cytokeratin 6
Formulation :	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	Ready to use for IHC
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	2°C to 8°C/1 year
Molecularweight :	62kD

Background : 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

Function : 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 onchyogryposis (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

Subcellular Location : Cytoplasmic, Membranous

Expression : Tonsil/ Prostate

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