

## Cytokeratin 6 mouse mAb(4A1) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A13376	Mouse	1 mg/ml	60026

<b>Applications</b>	WB,IHC,IF,
<b>Reactivity</b>	Human
<b>Dilution</b>	WB: 1:1000 IF 1:200 IHC 1:50-300
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous Cytokeratin 6 proteins.
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthetic Peptide of Cytokeratin 6
<b>Uniprot No</b>	P02538/P04259/P48668
<b>Alternative names</b>	
<b>Form</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	<p>keratin 6A(KRT6A) Homo sapiens 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>Other</b>	KRT6A/B/C, Keratin type II cytoskeletal 6A/B/C

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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