

## KRT6A/KRT6B/KRT6C Antibody

Catalog No: #37107

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## Description

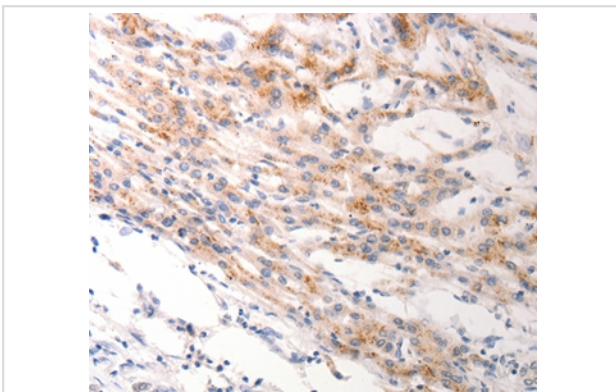
Product Name	KRT6A/KRT6B/KRT6C Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA, IHC
Species Reactivity	Hu Ms
Specificity	Anti-KRT6A/KRT6B/KRT6C rabbit polyclonal antibody
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human KRT6A/KRT6B/KRT6C
Target Name	KRT6A/KRT6B/KRT6C
Other Names	K6A; K6C; K6D; CK6A; CK6C; CK6D; KRT6C; KRT6D; K6B; PC2; CK6B; CK-6B; KRTL1; K6E; KRT6E
Accession No.	Swiss-Prot:P02538Gene ID:3853
Uniprot	P02538
GeneID	3853;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

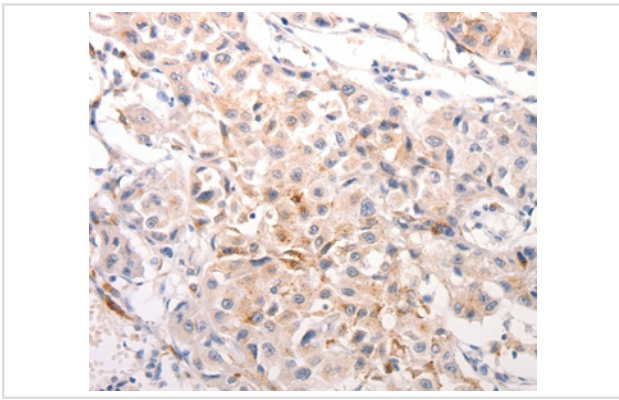
Immunohistochemistry: 1:25-1:100

ELISA dilution: 1:1000-1:5000

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using #37107(KRT6A/KRT6B/KRT6C Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\Gamma$  200)



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using #37107(KRT6A/KRT6B/KRT6C/KRT6B/KRT6C Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times$  200)

## 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. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

Note: This product is for in vitro research use only