SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

**[ Primary Antibody ]**

# Recombinant Rabbit Anti-KRT6A Monoclonal Antibody

**Catalog Number: SLA0746M**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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| **Host:** | Mouse |
| **Isotype:** | IgG2a/Kappa |
| **Clonality:** | Monoclonal |
| **Clone No.:** | 5G11 |
| **SWISS:** | P02538 |
| **Target:** | KRT6A |
| **Immunogen:** | Synthesized peptide derived from human Cytokeratin 6 |
| **Purification:** | affinity purified by Protein G |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB (1:500-2000)<br>IHC-P (1:100-500)<br>IHC-F (1:100-500)<br>IF (1:100-500)<br>ELISA (1:5000-10000)<br>Not yet tested in other applications.<br>Optimal working dilutions must be determined by the end user. |
| **Reactivity:** | Human |
| **Predicted MW.:** | 60 kDa |
| **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.<br>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. |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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| | 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 |

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