

Datasheet

KRT6B monoclonal antibody (M03), clone 1C4

Catalog Number: H00003854-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant KRT6B.

Clone Name: 1C4

Immunogen: KRT6B (AAH34535, 1 a.a. ~ 564 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MASTSTTIRSHSSRRGFSANSARLPGVSRSGFSSISV
SRSRGSGGLGGACGGAGFGSRSLYGLGSKRISIGG
GSCAISGGYGSRAAGSYGFGGAGSGFGGGGAGIGF
GLGGGAGLAGGFGGPGFPVCPGGIQEVTVNQSLT
PLNLQIDPAIQRVRAEEREQIKTLNNKFASFIDKVRFLE
QQNKVLDTKWTLLQEQTGKTVRQNLPLFEQYINNLR
RQLDNIVGERGRDLSELNMQDLVEDLNKYEDEINK
RTAAENEFVTLKKDVDAAYMNKVELQAKADTLTDEINF
LRALYDAELSQMQTHISDTSVVLSDNNRNLDLDSIA
EVKAQYEEIAQRSRAEAESWYQTKYEELQITAGRHD
DLRNTKQIEAENRMIQRLRSEIDHVKKQCANLQAAIAD
AEQRGEMALKDAKNKLEGLDALQKAKQDLARLLKEY
QELMNVKLALDVEIATYRKLEGEECRLNGEGVGVQVNI
SVVQSTVSSGYGGASGVGSGGLGLGGGSSYSYGSGLG
VGGGFSSSSGRATGGGLSSVGGGSSTIKYTTTSSSR
KSYKH

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3854

Gene Symbol: KRT6B

Gene Alias: CK6B, K6B, KRTL1, PC2

Gene Summary: 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. Mutations in these genes have been associated with pachyonychia congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq]