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Datasheet

KRT6B monoclonal antibody (M01), clone 4G9

Catalog Number: H00003854-M01

Regulation Status: For research use only (RUO)

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

Clone Name: 4G9

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:
MASTSTTIRSHSSSRRGFSANSARLPGVSRSGFSSISV
SRSRGSGGLGGACGGAGFGSRSLYGLGGSKRISIGG
GSCAISGGYGSRAGGSYGFGGAGSGFGFGGGAGIGF
GLGGGAGLAGGFGGPGFPVCPPGGIQEVTVNQSLLT
PLNLQIDPAIQRVRAEEREQIKTLNNKFASFIDKVRFLE
QQNKVLDTKWTLLQEQGTKTVRQNLEPLFEQYINNLR
RQLDNIVGERGRLDSELRNMQDLVEDLKNKYEDEINK
RTAAENEFVTLKKDVDAAYMNKVELQAKADTLTDEINF
LRALYDAELSQMQTHISDTSVVLSMDNNRNLDLDSIIA
EVKAQYEEIAQRSRAEAESWYQTKYEELQITAGRHGD
DLRNTKQEIAEINRMIQRLRSEIDHVKKQCANLQAAIAD
AEQRGEMALKDAKNKLEGLEDALQKAKQDLARLLKEY
QELMNVKLALDVEIATYRKLLEGEECRLNGEGVGQVNI
SVVQSTVSSGYGGASGVGSGLGLGGGSSYSYGSGLG
VGGGFSSSSGRATGGGLSSVGGGSSTIKYTTTSSSSR
KSYKH

Host: Mouse

Reactivity: Human

Applications: ELISA, S-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]