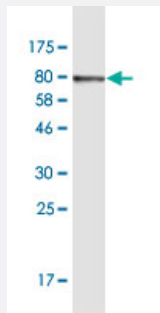


KRT6B monoclonal antibody (M02), clone 3B6

Catalog # H00003854-M02

Size 100 ug

Applications



Western Blot detection against Immunogen (87.78 KDa) .

Specification

Product Description

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

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

MASTSTIRSHSSSRRGFSANSARLPGVSRSGFSSISVSRSRGSGGLGGACGGAGFGSRSYGL
GGSKRISIGGGSCAISGGYGSRAAGSYGFGGAGSGFGFGGAGIGFGLGGAGLAGGFGGPGFP
VCPGGIQEVTVNQSLTPLNLQIDPAIQRVRAEEREQIKTLNNKFASFIDKVRFLEQQNKVLDTKW
TLLQEQQGTKTVRQNLEPLFEQYNNLRRQLDNVGERGRDLSELNMQDLVEDLKNKYEDEINKRT
AAENEFVTLKKDVDAAYMNKVELQAKADTLTDEINFLRALYDAELSQQMQTHISDTSVVLSDNNR
NLDLDSIAEVKAQYEEIAQRSRAEAEQSWYQTKYEELQITAGRHGDDLNTKQEIIEINRMQRLRSEI
DHVKKQCANLQAAIADAEQRGEMALKDAKNKLEGLDALQKAKQDLARLLKEYQELMNVKLALD
VEIATYRKLLLEGEECRLNGEGVGQVNISVVQSTVSSGYGGASGVGSGGLGLGGSSSYSGSLGV
GGGFSSSSGRATGGGLSSVGGGSSTIKYTTTSSSSSRKSYKH

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (81)

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (87.78 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KRT6B

Entrez GeneID

[3854](#)

GeneBank Accession#

[BC034535](#)

Protein Accession#

[AAH34535](#)

Gene Name

KRT6B

Gene Alias

CK6B, K6B, KRTL1, PC2

Gene Description

keratin 6B

Omim ID

[148042](#) [167210](#)

Gene Ontology

[Hyperlink](#)

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]

Other Designations

cytokeratin 6B|keratin, epidermal, type II, K6B|keratin, type II cytoskeletal 6B|keratin-like 1 (a type I keratin sequence)