

Mouse anti-Human KRT6B/K2C6B Monoclonal Antibody | anti-KRT6B/K2C6B antibody

KRT6B/K2C6B Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62359	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

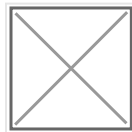
PRODUCT SYNONYMS

KRT6B/K2C6B; Monoclonal Antibody; KRT6B/K2C6B Mouse mAb; CK-6B; CK6B; cytokeratin 6B; Cytokeratin-6B; epidermal; K6B; keratin; keratin 6B; type II; keratin complex 2; basic; gene 6b; Keratin; type II cytoskeletal 6B; keratin-6-beta; Keratin-6B; keratin-like 1 (a type II keratin sequence); KRTL1; mK6-beta; Type-II keratin Kb10; anti-KRT6B/K2C6B antibody

PRODUCT SPECIFICATIONS

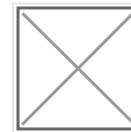
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	564
Applicable Applications for anti-KRT6B/K2C6B antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human KRT6B/K2C6B.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling K2C6B with M25207 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

K2C6B was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25207 of 10 ug. Western blot was performed from the immunoprecipitate using M25207 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : K2C6B Mouse mAb at 1/2000 dilution Lane 1 : THP1 cells membrane fraction Lane 2 : Jurkat cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 60 KDa Observed band size : 60 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT6B/K2C6B antibody	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.
Product Categories/Family for anti-KRT6B/K2C6B antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	119703753
NCBI GeneID	3854
NCBI Accession #	NP_005546.2
NCBI GenBank Nucleotide #	NM_005555.3
UniProt Accession #	P04259; P48669
Molecular Weight	Predicted MW: 60kDa
NCBI Official Full Name	keratin, type II cytoskeletal 6B
NCBI Official Synonym Full Names	keratin 6B
NCBI Official Symbol	KRT6B
NCBI Official Synonym Symbols	K6B; PC2; PC4; CK6B; CK-6B; KRTL1
NCBI Protein Information	keratin, type II cytoskeletal 6B
UniProt Protein Name	Keratin, type II cytoskeletal 6B
UniProt Gene Name	KRT6B
UniProt Synonym Gene Names	K6B; KRTL1; CK-6B; K6B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/krt6b-k2c6b-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62359>