

Anti-Keratin6 [LHK6]

Catalogue number: 151440

Sub-type: Primary antibody

Images:

Contributor

Inventor: Nick Tidman

Institute: Queen Mary University of London

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin6 [LHK6]

Alternate name: CK6A, CK6B, CK6C, CK6D, CK6E, Keratin Type II Cytoskeletal 6A, Keratin Type II Cytoskeletal 6B, Keratin Type II Cytoskeletal 6C, Keratin Type II Cytoskeletal 6D, Keratin Type II Cytoskeletal 6E, KRT6, KRT6A, KRT6B, KRT6C, KRT6D, KRT6E Human Entrez Gene ID 3853-KRT6A, 3854-KRT6B, 286887-KRT6C Human SwissProt P2538-KRT6A, P4259-KRT6B, P48668-KRT6C Human Unigene 7779 Human Gene Symbol KRT6A; KRT6B; KRT6C Human Chromosome Location 12q13.13; 12q13.13; 12q13.13

Class: Monoclonal

Conjugate: Unconjugated

Description: LHK6 is a very good marker for hyperproliferative keratinocytes.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a kappa

Reactivity: Human ; Mouse

Selectivity:

Host: Mouse

Immunogen: 11 amino acid sequence GSSTIKYTTTS of K6b C terminal

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Tonsil or basal cell carcinoma

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Keratin 6

Target alternate names:

Target background: Clone LHK6 recognizes a protein of 56kDa, identified as cytokeratin 6 (CK6). In humans, multiple isoforms of Cytokeratin 6 (6A-6F), encoded by several highly homologous genes, have distinct tissue expression patterns. Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratin 9 to 23) and one type II keratin (1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratins 6, 16 and 17 are expressed in suprabasal keratinocytes of wounded epidermis. Keratin 6 is found in acrosyringial keratinocytes in normal skin.

Molecular weight: 55-57 kDa

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ikewaki et al. 2002. Microbiol Immunol. 46(10):685-95. PMID: 12477247. ; A very late activating antigen-alpha4 (CD49d) monoclonal antibody, BU49 induces phosphorylation of a cAMP response element-binding protein (CREB), resulting in induction of homotypic cell aggregation and enhancement of interleukin-8 (IL-8) production. ; Nojima et al. 1992. J Exp Med. 175(4):1045-53. PMID: 1372641. ; Ligation of VLA-4 on T cells stimulates tyrosine phosphorylation of a 105-kD protein.

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