

Anti-Keratin7 [LP5K]

Catalogue number: 151127

Sub-type: Primary antibody

Images:

Contributor

Inventor: Birgit Lane

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin7 [LP5K]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratins 7 and 8 are two closely related type II keratins characteristic of simple epithelia. Keratin 7 is less widespread than keratin 8 and is expressed in sebaceous and sweat glands and some cells of the inner hair roo...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Sonicated cytoskeleton fractions (insoluble in 1% Nonidet-P40) from SV40 transformed neonatal keratinocytes.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Keratin 7

Target alternate names:

Target background: Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratins 7 and 8 are two closely related type II keratins characteristic of simple epithelia. Keratin 7 is less widespread than keratin 8 and is expressed in sebaceous and sweat glands and some cells of the inner hair root...

Molecular weight: 54 kDa

Ic50:

Applications

Application: FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 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: Waseem et al. 2004. Biochemistry. 43(5):1283-95. PMID: 14756564. ; Conformational changes in the rod domain of human keratin 8 following heterotypic association with keratin 18 and its implication for filament stability. ; Godsave et al. 1986. J Embryol Exp Morphol. 97:201-23. PMID: 2432146. ; The appearance and distribution of intermediate filament proteins during differentiation of the central nervous system, skin and notochord of *Xenopus laevis*. ; Lane et al. 1985. Ann N Y Acad Sci. 455:241-58. PMID: 2417515. ; Keratin antigens in differentiating skin.

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