

Anti-Keratin18 [LC18N]

Catalogue number: 151202

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin18 [LC18N]

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 8 and 18 are two of the first keratins expressed in the embryo, and persist into adult tissues as the keratin pair representing minimal epithelial keratin expression. Keratins 8 and 18 are major components of all simple epithelia (but not of stratified squamous epithelia) and adenocarcinomas.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide of N terminus of human keratin 18 (NH₂- SFTTRSTFSC)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: HT29 cell line, skin, breast or lung carcinoma

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Keratin 18

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 8 and 18 are two of the first keratins expressed in the embryo, and persist into adult tissues as the keratin pair representing minimal epithelial keratin expression. Keratins 8 and 18 are major components of all simple epithelia (but not of stratified squamous epithelia) and adenocarcinomas.

Molecular weight:

Ic50:

Applications

Application: IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: DMEM + 5% FCS

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Getachew et al. 2010. *Biochem Pharmacol.* 79(9):1363-71. PMID: 20036646. ; Susceptibility to acetaminophen (APAP) toxicity unexpectedly is decreased during acute viral hepatitis in mice. ; Seibert et al. 2009. *J Proteome Res.* 8(4):1672-81. PMID: 19714871. ; Multiple-approaches to the identification and quantification of cytochromes P450 in human liver tissue by mass spectrometry. ; Lane et al. 2007. *Mol Cell Proteomics.* 6(6):953-62. PMID: 17296599. ; Comparative cytochrome P450 proteomics in the livers of immunodeficient mice using 18O stable isotope labeling.

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