Anti-Keratin15 [LHK15]

Catalogue number: 151242
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Keratin15 [LHK15]

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. Keratin 15 is a type I keratin which is expressed only in basal keratinocytes in stratified epithelia and does not appear to have a natural type II expression partner. Keratin 15 is down regulated in activated keratinocytes.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Bovine ; Human ; Mouse ; Rat
Selectivity:
Host: Mouse
Immunogen: Peptide sequence of keratin 15 - BSA conjugate
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Mouse colon tissue (IHC), A431 cells (IF), HepG2 cells (IF), COS7 cells (IF)
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Keratin 15

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. Keratin 15 is a type I keratin which is expressed only in basal keratinocytes in stratified epithelia and does not appear to have a natural type II expression partner. Keratin 15 is down regulated in activated keratinocytes.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: DMEM + 5-10% FCS
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Liu et al. 2014. J Clin Invest. 124(5):2059-70. PMID: 24691443. ; Ciliopathy proteins regulate paracrine signaling by modulating proteasomal degradation of mediators. ; Kley et al. 2012. Brain. 135(Pt 9):2642-60. PMID: 22961544. ; Pathophysiology of protein aggregation and extended phenotyping in filaminopathy. ; Yi et al. 2010. Cell Tissue Res. 341(2):325-40. PMID: 20526895. ; Interference with the 19S proteasomal regulatory complex subunit PSMD4 on the sperm surface inhibits sperm-zona pellucida penetration during porcine fertilization. ; Arlt et al. 2009. Oncogene. 28(45):3983-96. PMID: 19734940. ; Increased proteasome subunit protein expression and proteasome activity in colon cancer relate to an enhanced activation of nuclear factor E2-related factor 2 (Nrf2).