

Cytokeratin 14 Monoclonal Antibody (LL002)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Dog, Ferret, C. elegans, Rat, Sheep, Cat, Human, Mouse, Horse, Rhesus monkey
Host/Isotype	Mouse / IgG3, kappa
Class	Monoclonal
Type	Antibody
Clone	LL002
Conjugate	Unconjugated
Immunogen	A synthetic peptide of 15 amino acid residues from the C-terminus of human keratin 14
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A/G
Storage buffer	PBS, pH 7.4, with 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	4°C
RRID	AB_10982092

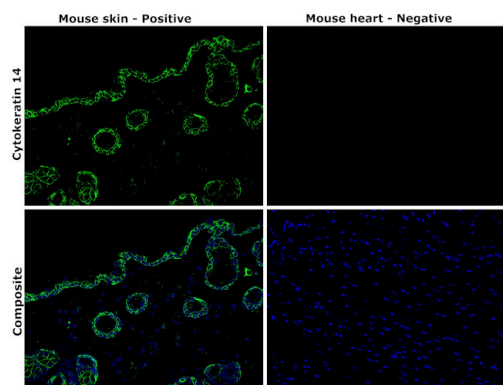
Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	11 Publications
Immunohistochemistry (IHC)	-	93 Publications
Multiplex Immunohistochemistry (mIHC)	1:100	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	14 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	6 Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	23 Publications
Flow Cytometry (Flow)	-	2 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Specific Information

MA5-11599 targets Cytokeratin 14 in IHC (P) and WB applications and shows reactivity with Human and Rat samples.

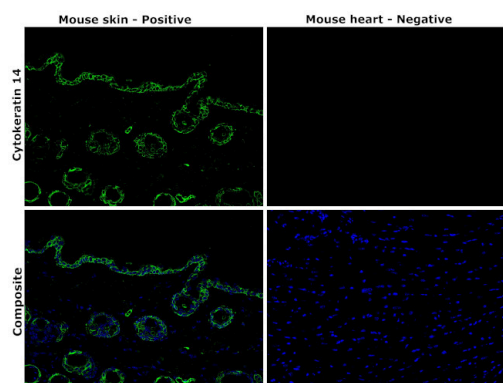
The MA5-11599 immunogen is a synthetic peptide of 15 amino acid residues from the C-terminus of human keratin 14.

Product Images For Cytokeratin 14 Monoclonal Antibody (LL002)



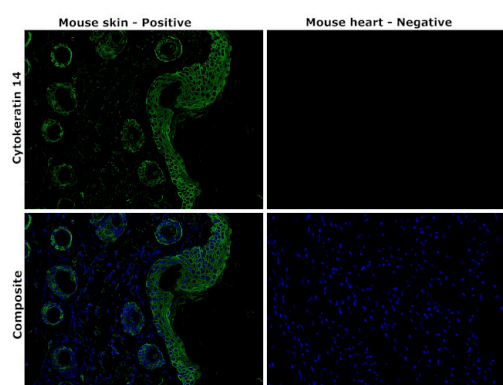
Cytokeratin 14 Antibody (MA5-11599)

Antibody specificity was demonstrated by the relative expression of target protein in different tissues by IHC. Differential expression of Cytokeratin 14 in mouse skin and mouse heart tissues using Cytokeratin 14 Monoclonal Antibody (LL002) (Product # MA5-11599) shows strong staining of Cytokeratin 14 in mouse skin tissue and no staining in mouse heart tissue. {RE}



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[View more figures on thermofisher.cn](http://thermofisher.cn)

Western Blot (11)

Frontiers in bioengineering and biotechnology

Epiprofin Transcriptional Activation Promotes Ameloblast Induction From Mouse Induced Pluripotent Stem Cells *via* the BMP-Smad Signaling Axis.

"MA5-11599 was used in Immunocytochemistry, Immunohistochemistry (Paraffin), Western Blot to reveal the potential regulatory networks between Epfn and the BMP-Smad pathway and suggest that Epfn is a promising target for inducing the differentiation of ameloblasts, which can be used in enamel and tooth regeneration."

Authors: Miao X,Niibe K,Fu Y,Zhang M,Nattasit P,Ohuri-Morita Y,Nakamura T,Jiang X,Egusa H

Year
2022

Species
Mouse

Investigative ophthalmology & visual science

The c-Myc Oncogene Maintains Corneal Epithelial Architecture at Homeostasis, Modulates p63 Expression, and Enhances Proliferation During Tissue Repair.

"MA5-11599 was used in Western Blot to show that Myc regulates the balance among CE stratification, differentiation, and surface exfoliation and promotes the transition to the hyperproliferative state during wound healing."

Authors: Portal C,Wang Z,Scott DK,Wolosin JM,Iomini C

Year
2022

Species
Mouse

Dilution
1:2000

[View more WB references on thermofisher.cn](#)

Immunohistochemistry (93)

Cell death & disease

NLRP10 maintains epidermal homeostasis by promoting keratinocyte survival and P63-dependent differentiation and barrier function.

"MA5-11599 was used in Immunohistochemistry to underscore NLRP10 as a key player in atopic dermatitis pathogenesis, highlighting NLRP10 as a potential target for therapeutic intervention to restore skin barrier function and homeostasis in Atopic dermatitis."

Authors: Cho Y,Cao Z,Luo X,Tian JJ,Hukkanen RR,Hussien R,Cancilla B,Chowdhury P,Li F,Ma S,LaGory EL,Schroeder M,Dusenberry A,Marshall L,Hawkins J,van Lookeren Campagne M,Zhou Y

Year
2024

Species
C. elegans

Frontiers in medicine

Development and characterization of ferret *ex vivo* tracheal injury and cell engraftment model.

"MA5-11599 was used in Immunohistochemistry to characterize a ferret *ex vivo* tracheal injury and cell engraftment model."

Authors: Ievlev V,Pai AC,Dillon DS,Kuhl S,Lynch TJ,Freischlag KW,Gries CB,Engelhardt JF,Parekh KR

Year
2024

Species
Ferret

Dilution
1:300

[View more IHC references on thermofisher.cn](#)

More applications with references on thermofisher.cn

IHC (P) (14)

IHC (F) (6)

ICC/IF (23)

Flow (2)

Misc (2)

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