

# Product Datasheet

## Cytokeratin 12 Antibody (2M1K10) NBP3-33197-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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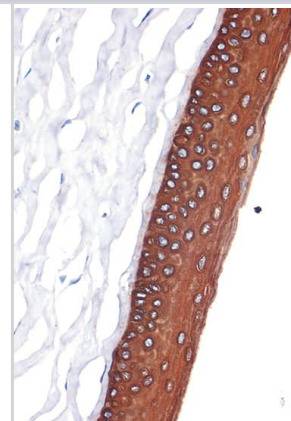


**NBP3-33197-100ul****Cytokeratin 12 Antibody (2M1K10)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2M1K10
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	54 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Cytokeratin 12 Antibody (2M1K10) (NBP3-33197) is a monoclonal antibody validated for use in IHC, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3859
<b>Gene Symbol</b>	KRT12
<b>Species</b>	Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 250-494 of human Cytokeratin 12 (KRT12) (NP_000214.1).  Sequence: EMQIESLNEELAYMKKNHEDELQSFRVGGPGEVSVEMDAAPGVDLTRLNNDM RAQYETIAEQNRKDAEAWFIEKSGELRKEISTNTEQLQSSKSEVTDLRRAFQNL EIELQSQLAMKKSLEDSLAEAGDYCAQLSQVQQLISNLEAQLLQVRADAERQ NVDHQRLNPKARLELEIETYRRLLDGEAQGDGLEESLFTDSKSQAQSTDSS KDPTKTRKIKTVVQEMVNGEVVSSQVQEIEELM
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	ELISA Recommended starting concentration is 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

## Images

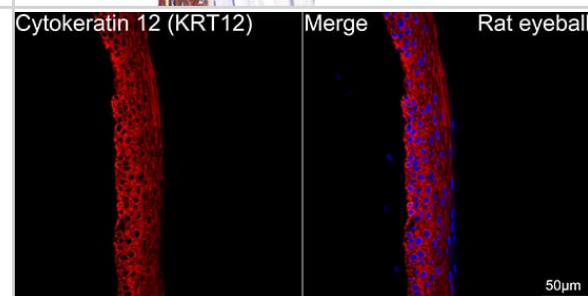
Immunohistochemistry: Cytokeratin 12 Antibody (2M1K10) [NBP3-33197] - Immunohistochemistry analysis of paraffin-embedded Rat cornea using Cytokeratin 12(KRT12) (KRT12) Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



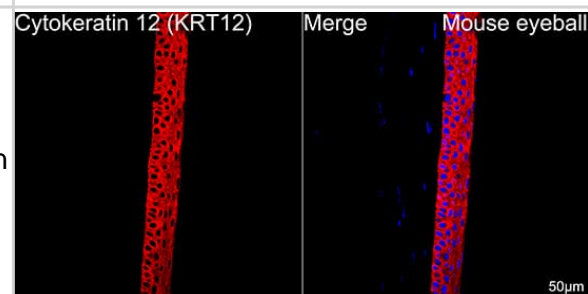
Immunohistochemistry: Cytokeratin 12 Antibody (2M1K10) [NBP3-33197] - Immunohistochemistry analysis of paraffin-embedded Mouse cornea using Cytokeratin 12(KRT12) (KRT12) Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Cytokeratin 12 Antibody (2M1K10) [NBP3-33197] - Confocal imaging of paraffin-embedded Rat eyeball tissue using Cytokeratin 12 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: Cytokeratin 12 Antibody (2M1K10) [NBP3-33197] - Confocal imaging of paraffin-embedded Mouse eyeball tissue using Cytokeratin 12 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-33197-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-58256PEP	Cytokeratin 12 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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