

**Product Name: Cytokeratin 8 (10A5) Mouse Monoclonal Antibody**  
**Catalog #: AMM00864**

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## Summary

<b>Production Name</b>	Cytokeratin 8 (10A5) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	KRT8
<b>Alternative Names</b>	KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8
<b>Gene ID</b>	3856
<b>SwissProt ID</b>	P05787

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 54 kDa; Observed MW: 54 kDa

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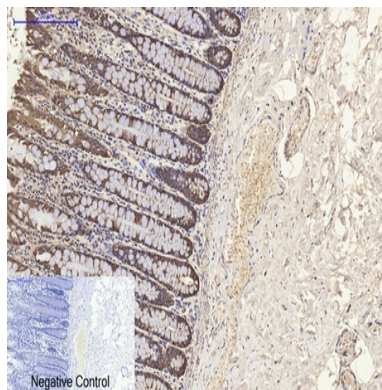
## Background

Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. K8 a type II cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins.

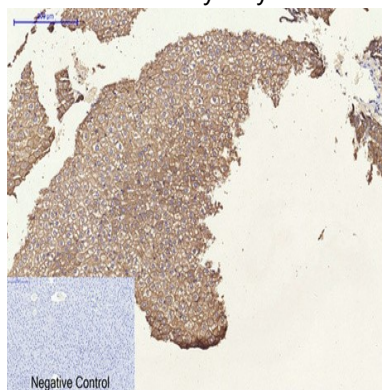
## Research Area

Signal Transduction

## Image Data

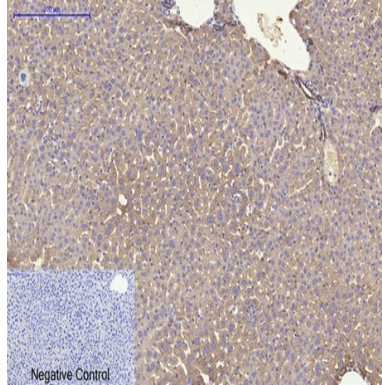


Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Cytokeratin 8 (10A5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

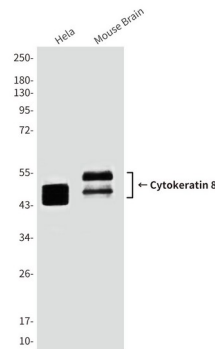


Immunohistochemical analysis of paraffin-embedded Human tonsils using Cytokeratin 8 (10A5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

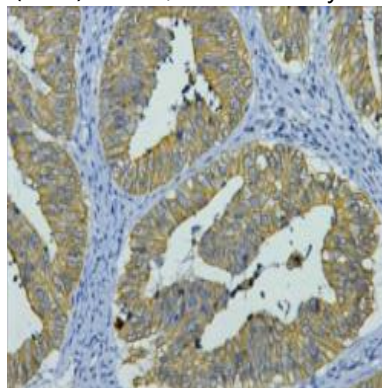
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Immunohistochemistry analysis of paraffin-embedded mouse liver tissue using CK8 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Western blot analysis of Cytokeratin 8 (10A5) in HeLa, mouse Brain lysates using Cytokeratin 8 (10A5) antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using Cytokeratin 8 (10A5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## **Note**

For research use only.