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**Product Name: Cytokeratin 10 Rabbit Monoclonal Antibody****Catalog #: AMRe85216**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat,Hamster
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.62mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 59 kDa; Observed MW: 59 kDa

**Antigen Information**

<b>Gene Name</b>	Cytokeratin 10
<b>Alternative Names</b>	KRT10; KPP; Keratin; type I cytoskeletal 10; Cytokeratin-10; CK-10; Keratin-10; K10
<b>Gene ID</b>	3858.0
<b>SwissProt ID</b>	P13645
<b>Immunogen</b>	A synthetic peptide of human Cytokeratin 10

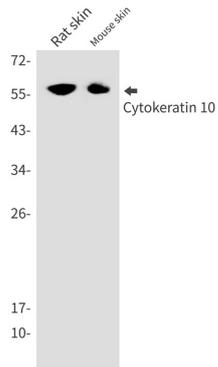
**Background**

K10 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8]. Both a basic and an acidic

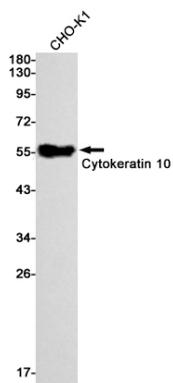
keratin are required for filament assembly.

## Research Area

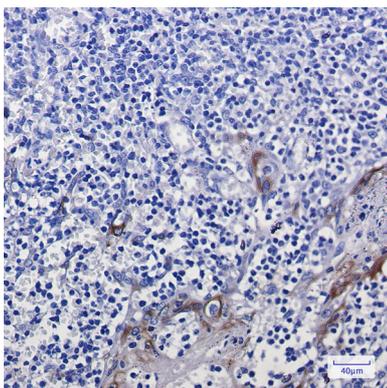
## Image Data



Western blot analysis of Cytokeratin 10 in rat skin, mouse skin lysates using Cytokeratin 10 antibody.



Western blot analysis of Cytokeratin 10 in CHO-K1 lysates using Cytokeratin 10 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cytokeratin 10 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.