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**Product Name: Cytokeratin 16 Rabbit Monoclonal Antibody****Catalog #: AMRe85179**

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
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<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: 51 kDa; Observed MW: 51 kDa

**Antigen Information**

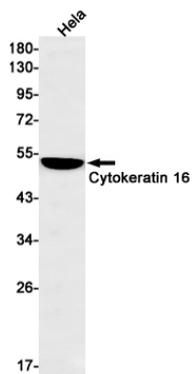
<b>Gene Name</b>	Cytokeratin 16
<b>Alternative Names</b>	KRT16; KRT16A; Keratin; type I cytoskeletal 16; Cytokeratin-16; CK-16; Keratin-16; K16
<b>Gene ID</b>	3868.0
<b>SwissProt ID</b>	P08779
<b>Immunogen</b>	Recombinant protein of human Cytokeratin 16

**Background**

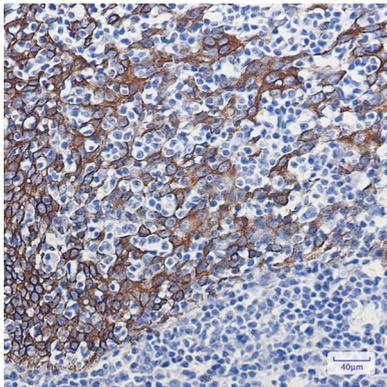
K16 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cyto keratins and hair keratins. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8].

## Research Area

## Image Data



Western blot analysis of Cytokeratin 16 in HeLa lysates using Cytokeratin 16 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cytokeratin 16 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.