

**Product Name: Cytokeratin 18 (8W18) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe09736**

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## Summary

<b>Production Name</b>	Cytokeratin 18 (8W18) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	KRT18
<b>Alternative Names</b>	Keratin-18; CYK18; cytokeratin 18; Cytokeratin-18; K18; K1C18; keratin 18; KRT18; CK-18;
<b>Gene ID</b>	3875.0
<b>SwissProt ID</b>	P05783.Recombinant protein of human Cytokeratin 18

## Application

<b>Dilution Ratio</b>	WB: 1:2000
<b>Molecular Weight</b>	48kDa

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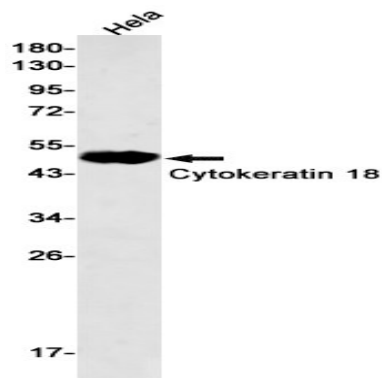
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## Background

K18 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. Keratin 18 and its filament partner keratin 8 are perhaps the most commonly found members of the intermediate filament gene family. Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

## Research Area

## Image Data



Western blot detection of Cytokeratin 18 in HeLa cell lysates using Cytokeratin 18 antibody(1:500 diluted).

## Note

For research use only.