

**Product Name: Cytokeratin 18 Mouse Monoclonal Antibody**  
**Catalog #: AMM00966**

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## Summary

<b>Production Name</b>	Cytokeratin 18 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB, ICC/IF
<b>Reactivity</b>	Human, Monkey, Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2a
<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>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	KRT18
<b>Alternative Names</b>	Cell proliferation inducing gene 46 protein; Cell proliferation inducing protein 46; Cell proliferation-inducing gene 46 protein; CK 18; CK-18; CK18; CYK 18; CYK18; Cytokeratin 18; Cytokeratin endo B; Cytokeratin-18; K 18; K18; K1C18_HUMAN; Keratin 18; Keratin D; keratin; type I cytoskeletal 18; Keratin-18; KRT18.
<b>Gene ID</b>	3875
<b>SwissProt ID</b>	P05783.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 48 kDa; Observed MW: 48 kDa

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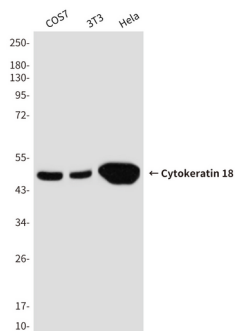
## Background

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.

## Research Area

Tags & Cell Markers

## Image Data



Western blot analysis of Keratin 18 in COS7, 3T3 and HeLa lysates using Keratin 18 antibody.

## Note

For research use only.