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**Product Name: Cytokeratin 18 (6A8) Mouse Monoclonal Antibody****Catalog #: AMM03570**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<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>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Ascitic Fluid

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 48 kDa; Observed MW: 48 kDa

**Antigen Information**

<b>Gene Name</b>	KRT18 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;
<b>Alternative Names</b>	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
<b>Immunogen</b>	A synthetic peptide of human Cytokeratin 18

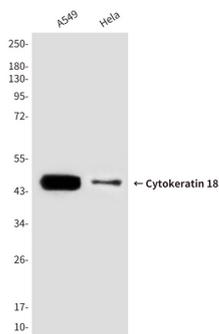
## Background

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.

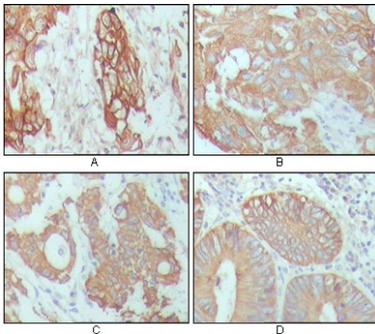
## Research Area

Tags & Cell Markers

## Image Data



Western blot analysis of Cytokeratin 18 in A549 and HeLa lysates using Cytokeratin 18 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, hepatocarcinoma, stomach cancer and colon cancer tissue using CK18 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.