

Product Name: Cytokeratin 18 Rabbit Monoclonal Antibody
Catalog #: AMRe01884

Summary

Production Name	Cytokeratin 18 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	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; Cytokeratin endo B; Cytokeratin-18; K 18; K18; K1C18_HUMAN; Keratin 18; Keratin D; keratin; type I cytoskeletal 18; Keratin-18; KRT18.
Alternative Names	
Gene ID	3875
SwissProt ID	P05783

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
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Molecular Weight

Calculated MW: 48 kDa; Observed MW: 48 kDa

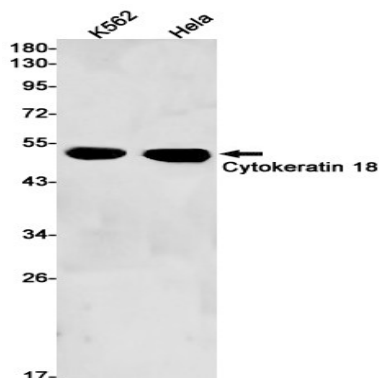
Background

K18 is 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.

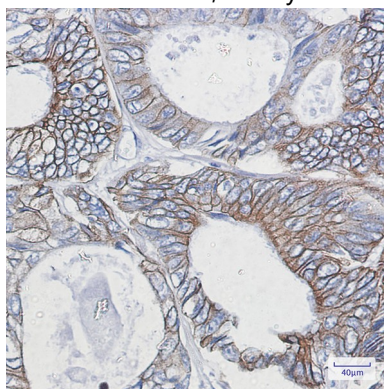
Research Area

Tags & Cell Markers

Image Data

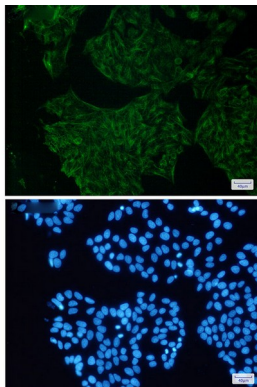


Western blot analysis of Cytokeratin 18 in K562, HeLa lysates using Cytokeratin 18 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Cytokeratin 18 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of Cytokeratin 18(green) in HeLa using Cytokeratin 18 antibody, and DAPI(blue)

Note

For research use only.