Product Name: Cytokeratin 18 Rabbit Polyclonal Antibody
Catalog #: APRab01401

Summary

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

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal 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
Alternative Names	CK18; CYK18; KRT18
Gene ID	16668.0
SwissProt ID	P05784

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 48 kDa

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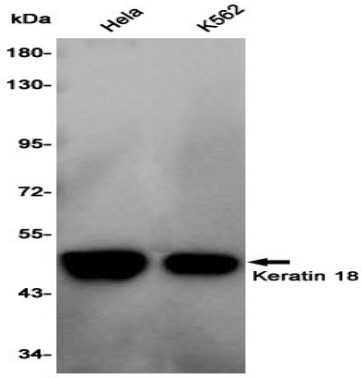
Background

When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

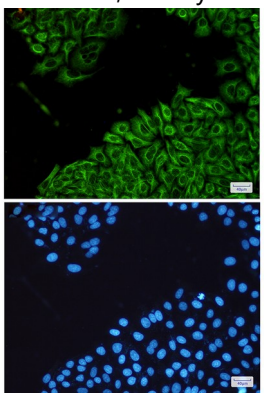
Research Area

Tags & Cell Markers

Image Data



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



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

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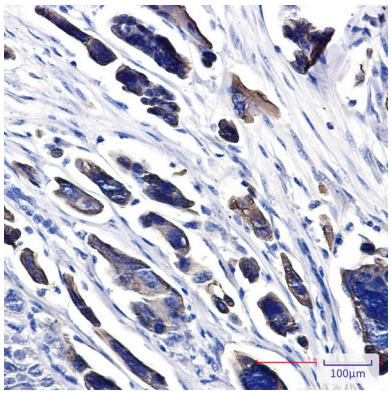

Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Cytokeratin 18 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.