

Datasheet for ABIN7177373

anti-Cytokeratin 18 antibody (AA 200-423)



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3 Images

Overview

Quantity:	100 µg
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 200-423
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Mouse Keratin, type I cytoskeletal 18 protein (200-423AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Krt18 (KRT18 Products)
Background:	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-

Target Details

antithrombin complexes by hepatic cells (By similarity). Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

Aliases: Krt18 antibody, Kerd antibody, Krt1-18 antibody, Keratin antibody, type I cytoskeletal 18 antibody, Cytokeratin endo B antibody, Keratin D antibody, Cytokeratin-18 antibody, CK-18 antibody, Keratin-18 antibody, K18 antibody

UniProt: [P05784](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

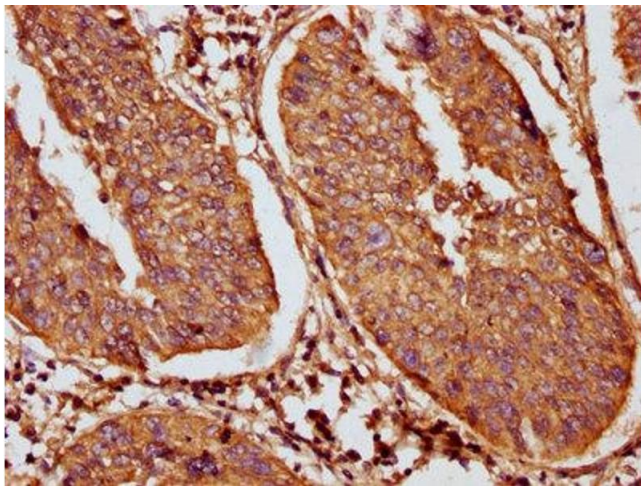
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

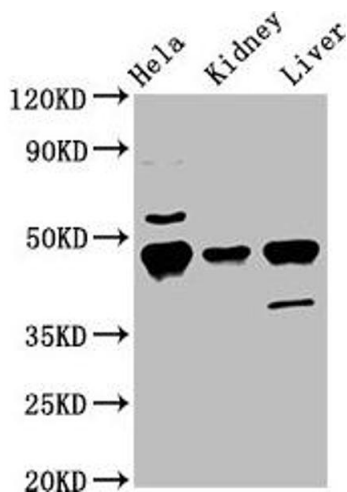
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



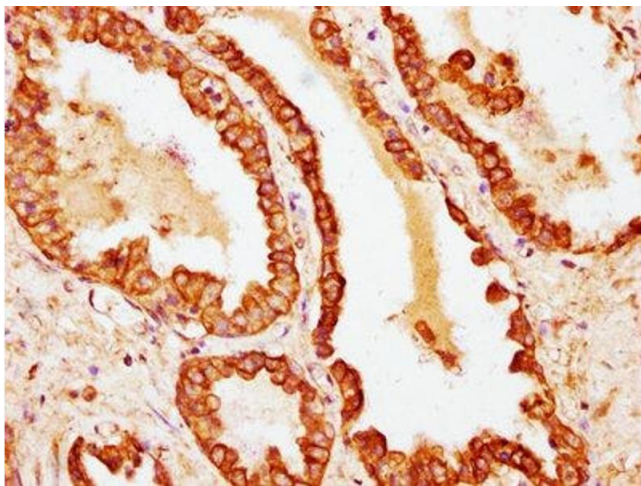
Immunohistochemistry

Image 1. IHC image of ABIN7177373 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, Mouse kidney tissue, Mouse liver tissue All lanes: Krt18 antibody at 5.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7177373 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.