

Datasheet for ABIN3031537

anti-Cytokeratin 18 antibody (AA 401-430)

13 Images



[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 401-430
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	A portion of amino acids 401-430 from the human protein was used as the immunogen for this Cytokeratin-18 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin-18 (KRT18 Products)
Background:	KRT18 is the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament

Target Details

family. They are expressed in single layer epithelial tissues of the body. Mutations in its gene have been linked to cryptogenic cirrhosis.

UniProt: [P05783](#)

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

Application Details

Application Notes: Titration of the Cytokeratin-18 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

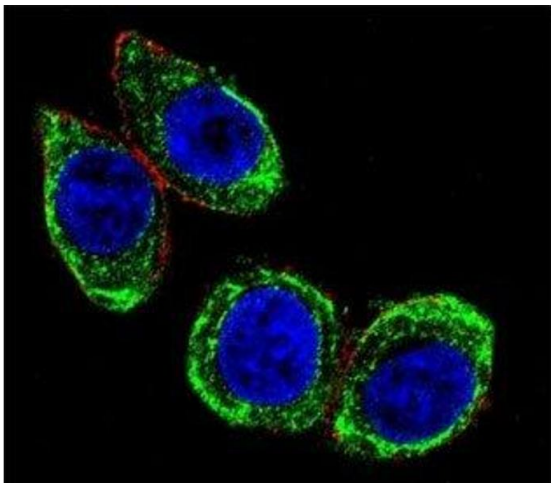
Preservative: Sodium azide

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

Storage: -20 °C

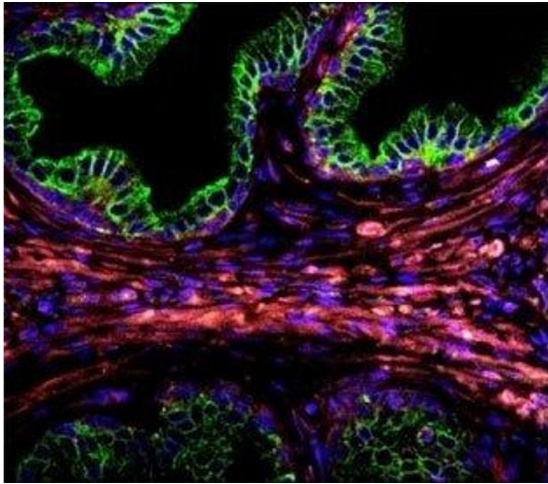
Storage Comment: Aliquot the Cytokeratin-18 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



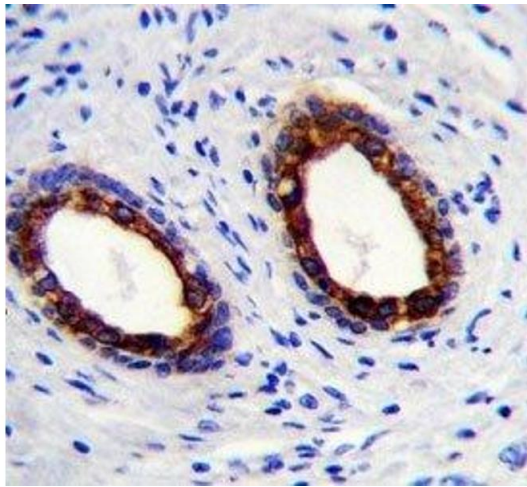
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of Cytokeratin-18 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counter



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of Cytokeratin-18 antibody with prostate carcinoma followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Immunohistochemistry

Image 3. Cytokeratin-18 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma.

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN3031537.