

Datasheet for ABIN675174

anti-Cytokeratin 18 antibody (AA 301-423)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 301-423
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CK18
Isotype:	IgG
Specificity:	KO-Validated
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	CK18 (KRT18 Products)
Background:	Synonyms: K18, CK-18, CYK18, Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, Keratin-18, KRT18, PIG46 Background: Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
Gene ID:	3875
UniProt:	P05783
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

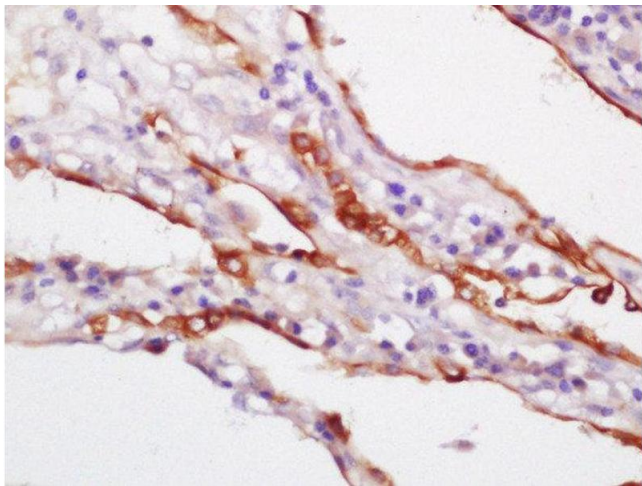
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

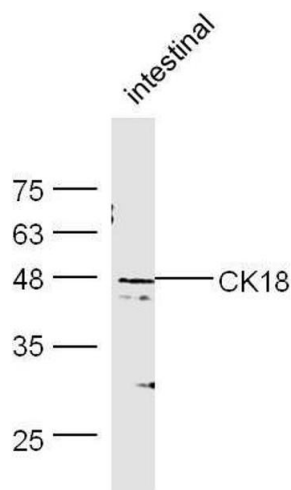
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti-CK18 Polyclonal Antibody,Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Moust intestine lysates probed with Rabbit Anti-CK18 Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.