



Datasheet for ABIN676973

## anti-Cytokeratin 18 antibody (AA 53-150)

6 Images

4 Publications



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 53-150
Reactivity:	Human, Mouse, Rat, Pig
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
Cross-Reactivity:	Human, Mouse, Pig, Rat
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Cytokeratin 18 (KRT18)
---------	------------------------

## Target Details

---

Alternative Name:	CK18 ( <a href="#">KRT18 Products</a> )
Background:	Synonyms: K18, CYK18, Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-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:	<a href="#">P05783</a>
Pathways:	<a href="#">Apoptosis, Caspase Cascade in Apoptosis</a>

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

## Handling

---

Expiry Date: 12 months

## Publications

---

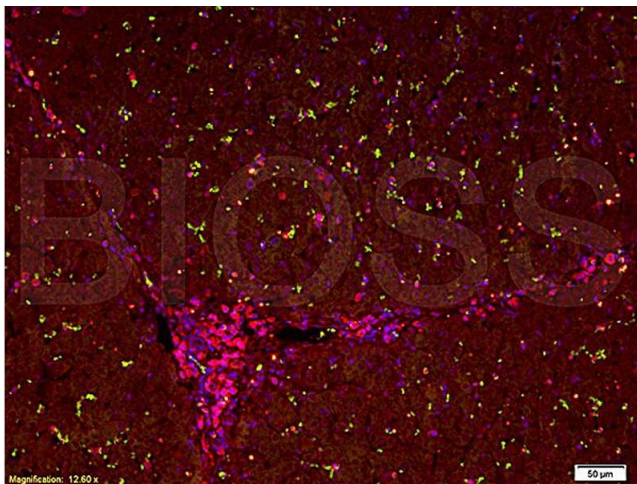
Product cited in: Fagundes, Fernandes, Paraense, de Farias-Junior, Teixeira, Alves-Junior, Pinheiro, Crespo-López, Maia, Lima: "Binge Drinking of Ethanol during Adolescence Induces Oxidative Damage and Morphological Changes in Salivary Glands of Female Rats." in: **Oxidative medicine and cellular longevity**, Vol. 2016, pp. 7323627, (2017) ([PubMed](#)).

Liu, Feng, Dong, Yang, Li, Chen, Zhang, Wang, Zhou, Zhao: "Administration of BMSCs with muscone in rats with gentamicin-induced AKI improves their therapeutic efficacy." in: **PLoS ONE**, Vol. 9, Issue 5, pp. e97123, (2014) ([PubMed](#)).

Zeng, Zhang, Li, Yang, Chen, Liu: "A new method to isolate and culture rat kupffer cells." in: **PLoS ONE**, Vol. 8, Issue 8, pp. e70832, (2013) ([PubMed](#)).

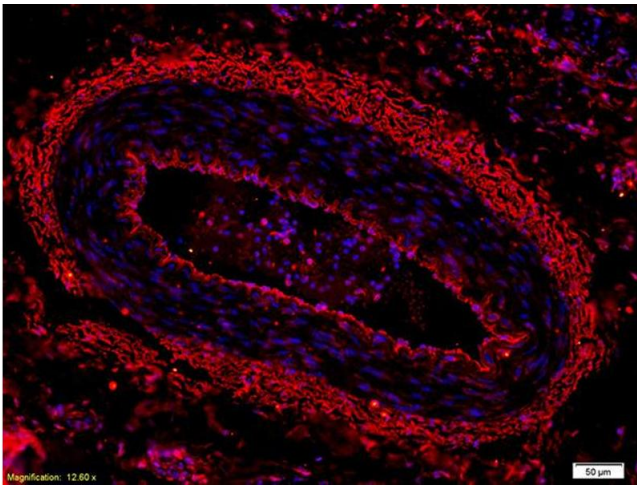
## Images

---



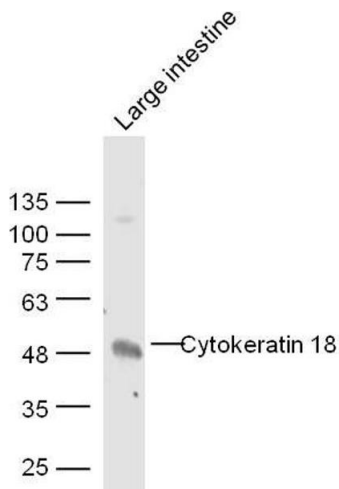
### Immunofluorescence

Image 1.



### Immunofluorescence

**Image 2.** Formalin-fixed and paraffin embedded rat liver labeled with Anti-CK18 Polyclonal Antibody, Unconjugated (ABIN676973) at 1:800, followed by conjugation to the secondary antibody and DAB staining.



### Western Blotting

**Image 3.** Rat Large intestine lysates probed with Cytokeratin 18 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN676973.