



#### **CK18**

Rabbit Monoclonal antibody(Mab)
Catalog # AD80354

# **Specification**

### CK18 - Product info

Application IHC-P
Primary Accession P05783
Reactivity Human
Host Rabbit
Clonality Monoclonal
Calculated MW 48058

#### CK18 - Additional info

Gene ID 3875
Gene Name KRT18

**Other Names** 

Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-18, Keratin-18, K18, KRT18, CYK18

**Dilution** 

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions CK18 Antibody is for research use only and

not for use in diagnostic or therapeutic

procedures.

#### **CK18 - Protein Information**

# Name KRT18

Synonyms CYK18

Function 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.

Cellular Location Cytoplasm, perinuclear region. Nucleus,

nucleolus

Tissue Location Expressed in colon, placenta, liver and

very weakly in exocervix. Increased



expression observed in lymph nodes of breast carcinoma.

### CK18 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# CK18 - Images



## Prostate cancer



Immunohistochemical analysis of paraffin-embedded prostatic cancer tissue using AD80354 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.