

CK18

Rabbit Monoclonal antibody(Mab) Catalog # AD80354

Specification

CK18 - Product info

Application Primary Accession Reactivity Host Clonality Calculated MW IHC-P P05783 Human Rabbit Monoclonal 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 Function	CYK18 Involved in the uptake of
FUICION	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.

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

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.