

**Cytokeratin 18 Monoclonal Antibody(1B3)**  
**Catalog # AP63349****Specification**

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**Cytokeratin 18 Monoclonal Antibody(1B3) - Product Information**

Application	WB, IF
Primary Accession	<a href="#">P05783</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

**Cytokeratin 18 Monoclonal Antibody(1B3) - Additional Information****Gene ID** 3875**Other Names**

KRT18; CYK18; PIG46; Keratin, type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18

**Dilution**

WB~~WB: 1:1000 -3000 IF: 1:100-200

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**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**Storage Conditions**

-20°C

**Cytokeratin 18 Monoclonal Antibody(1B3) - 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**

Nucleus matrix {ECO:0000250|UniProtKB:Q5BJY9}. Cytoplasm, perinuclear region. Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q5BJY9}

**Tissue Location**

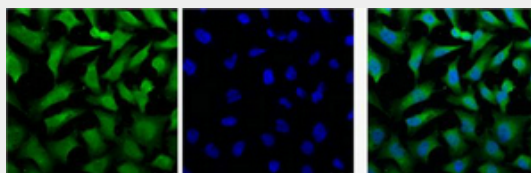
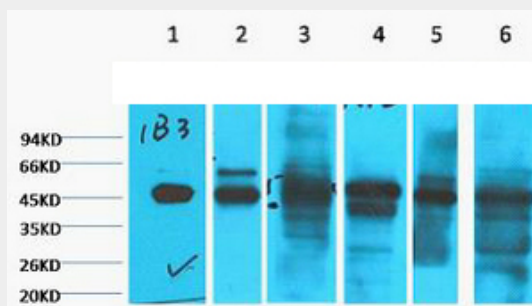
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

## Cytokeratin 18 Monoclonal Antibody(1B3) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Cytokeratin 18 Monoclonal Antibody(1B3) - Images



## Cytokeratin 18 Monoclonal Antibody(1B3) - 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.