

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

Cytokeratin 18 Monoclonal Antibody(1B3) - Product Information

Application	WB, IF
Primary Accession	P05783
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

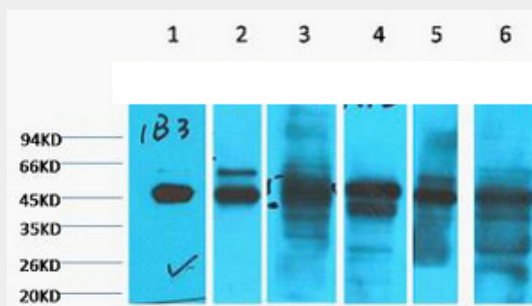
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

Cytokeratin 18 Monoclonal Antibody(1B3) - Protocols

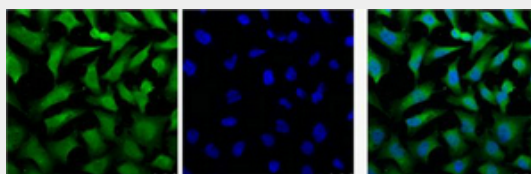
Provided below are standard protocols that you may find useful for product applications.

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

Cytokeratin 18 Monoclonal Antibody(1B3) - Images



Western blot analysis of 1) HepG2, 2) Hela, 3) Mouse Liver tissue, 4) C2C12, 5) Rat Heart tissue, 6) Mouse Skeletal Muscle tissue, diluted at 1:2000.



IF analysis of Hela, and DAPI (Right) diluted at 1:100.

Cytokeratin 18 Monoclonal Antibody(1B3) - Background

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