

Cytokeratin 18 Monoclonal Antibody(8F2)

Catalog # AP63351

Specification

Cytokeratin 18 Monoclonal Antibody(8F2) - Product Information

Application WB
Primary Accession P05783

Reactivity Human, Mouse, Rat

Host Mouse Clonality Monoclonal

Cytokeratin 18 Monoclonal Antibody(8F2) - 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

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(8F2) - 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.

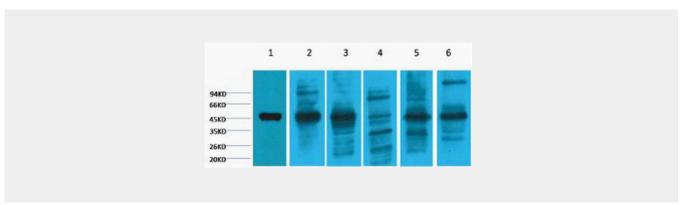


Cytokeratin 18 Monoclonal Antibody(8F2) - Protocols

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

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

Cytokeratin 18 Monoclonal Antibody(8F2) - Images



Cytokeratin 18 Monoclonal Antibody(8F2) - 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.