

### Cytokeratin 18 (phospho Ser33) Polyclonal Antibody

**Catalog # AP67791** 

#### **Specification**

# Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - Product Information

Application WB, IHC-P, IF Primary Accession P05783

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

# Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - 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~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

### **Storage Conditions**

-20°C

#### Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - 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**



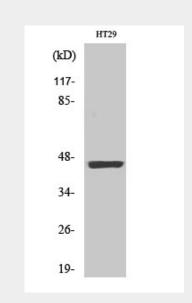
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

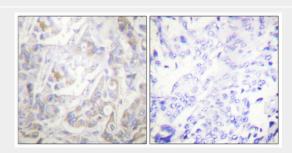
## Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - Protocols

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

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

# Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - Images





## Cytokeratin 18 (phospho Ser33) Polyclonal Antibody - 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.