

## Cytokeratin 18 Polyclonal Antibody Catalog # AP69449

### Specification

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#### Cytokeratin 18 Polyclonal Antibody - Product Information

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

#### Cytokeratin 18 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. Immunoprecipitation: 2-5 ug/mg lysate. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

##### Format

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

##### Storage Conditions

-20°C

#### Cytokeratin 18 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

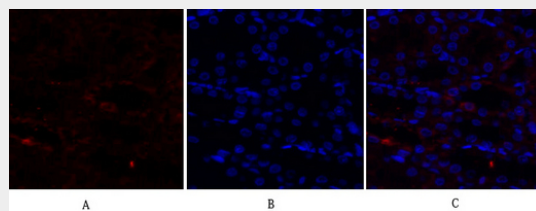
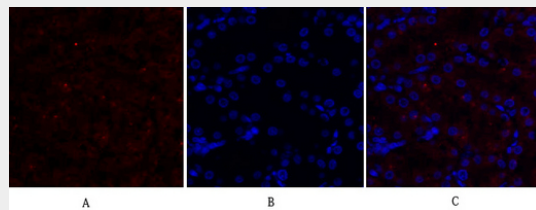
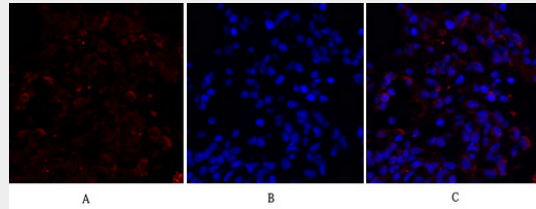
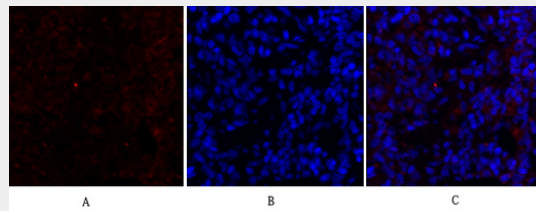
lymph nodes of breast carcinoma.

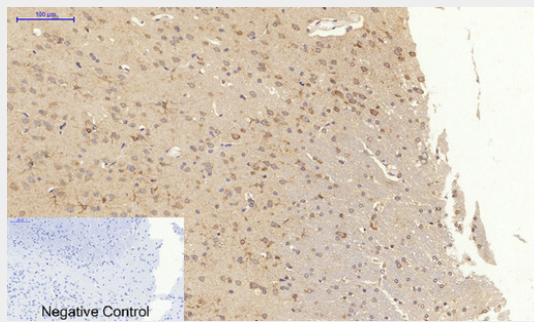
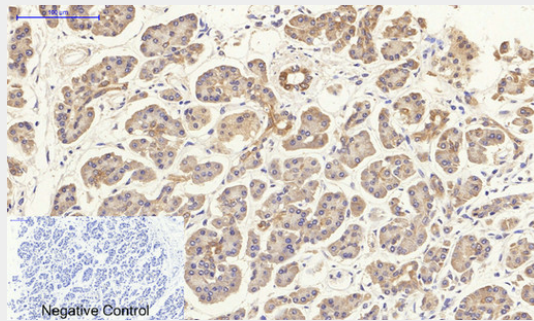
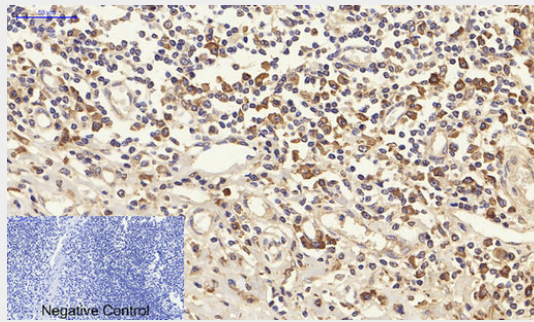
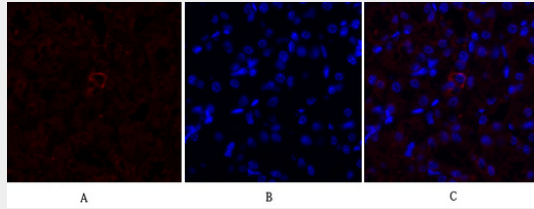
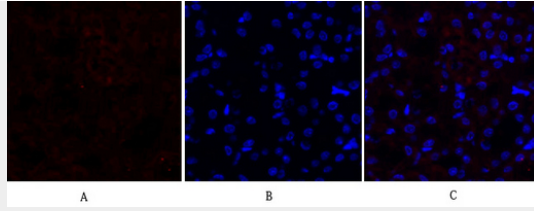
### Cytokeratin 18 Polyclonal Antibody - Protocols

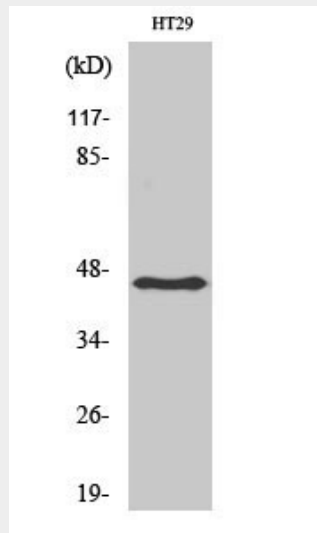
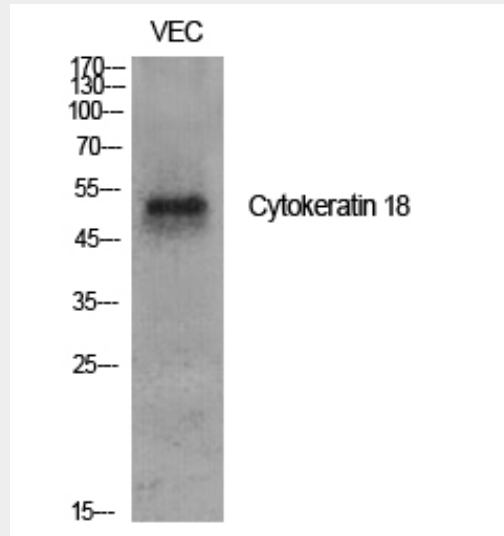
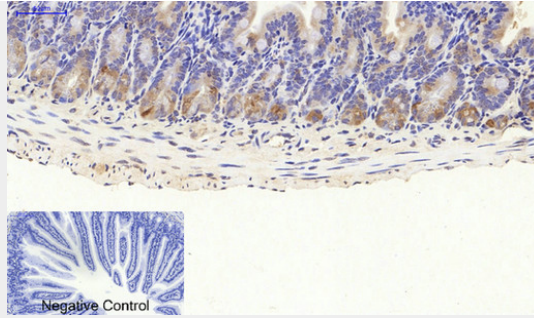
Provided below are standard protocols that you may find useful for product applications.

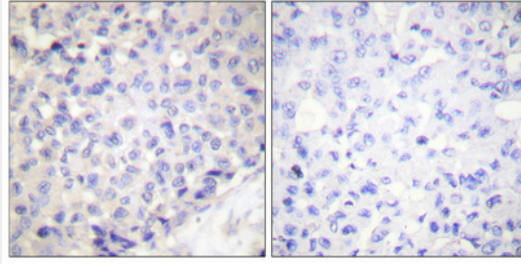
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Cytokeratin 18 Polyclonal Antibody - Images









### **Cytokeratin 18 Polyclonal Antibody - Background**

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