

# Product Information

## Recombinant Anti-Human ptk7 Antibody Fab Fragment

Cat. No.: **MOM-18482-F(E)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against Human PTK7, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.

### Specific Activity

Tested positive against native antigen.

### Target

PTK7

### Immunogen

Recombinant fragment, corresponding to amino acids 36-146 of Human CCK4, with a 26kDa tagged. NP\_002812.

### Source

Mouse

### Species Reactivity

Human

### Type

Fab

### Expression Host

CHO

### Purity

>95.0% as determined by analysis by SDS-PAGE.

### Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

### Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

## ANTIGEN GENE INFORMATION

**Gene Name**

[PTK7 PTK7 protein tyrosine kinase 7 \[ Homo sapiens \]](#)

**Official Symbol**

PTK7

**Synonyms**

PTK7; PTK7 protein tyrosine kinase 7; inactive tyrosine-protein kinase 7; CCK4; CCK-4; colon carcinoma kinase 4; colon carcinoma kinase-4; protein-tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7

**Gene ID**

[5754](#)

**mRNA Refseq**

[NM\\_002821](#)

**Protein Refseq**

[NP\\_002812](#)

**MIM**

[601890](#)

**UniProt ID**

Q13308

**Chromosome Location**

6p21.1-p12.2

**Function**

ATP binding; receptor activity; transferase activity, transferring phosphorus-containing groups; transmembrane receptor protein tyrosine kinase activity;