

Product Information

Recombinant Anti-Human ptk7 Antibody

Cat. No.: **MOM-18482**

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

Product Overview

Recombinant Mouse Antibody is specific to 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

IgG

Expression Host

CHO

Purity

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

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

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;