
PTK7 (4F9) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253038

Unit: 0.1 ml

Description:

PTK7 (Protein-tyrosine kinase 7) is a member of the receptor protein tyrosine kinases. They transduce extracellular signals across the cell membrane. A subgroup of these kinases lack detectable catalytic tyrosine kinase activity but retain roles in signal transduction. PTK7 is a member of this subgroup of tyrosine kinases and may function as a cell adhesion molecule. It is thought to be expressed in colon carcinomas but not in normal colon, therefore may be a marker for or may be involved in tumor progression. It is highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells, but not expressed in colon.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Inactive tyrosine-protein kinase 7; Colon carcinoma kinase 4; CCK-4; Protein-tyrosine kinase 7; Pseudo tyrosine kinase receptor 7; Tyrosine-protein kinase-like 7; CCK4; PTK7

Accession No.: Q13308

Antigen: Purified recombinant fragment of human PTK7 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.