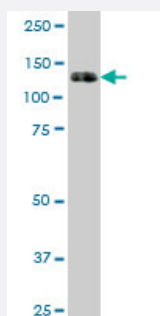


PTK7 monoclonal antibody (M04), clone 1A8

Catalog # H00005754-M04

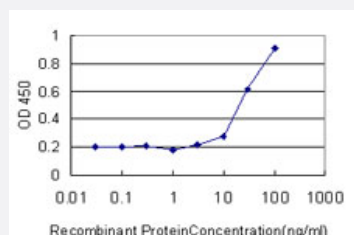
Size 100 ug

Applications



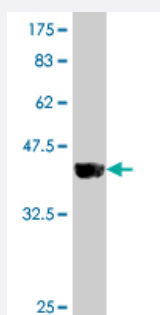
Western Blot (Cell lysate)

PTK7 monoclonal antibody (M04), clone 1A8 Western Blot analysis of PTK7 expression in HeLa (Cat # L013V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK7 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PTK7.

| | |
|--------------------------------------|---|
| Immunogen | PTK7 (NP_002812, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | KQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLSFAAVDRLQDSGT FQCVARDDVTGEEARSANASFNKWIEAGPVVLKHPASEAEIQPQTQ |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (93) |
| Isotype | IgG2b Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) . |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Cell lysate)

PTK7 monoclonal antibody (M04), clone 1A8 Western Blot analysis of PTK7 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK7 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PTK7

Entrez GeneID [5754](#)

| | |
|---------------------|--|
| GeneBank Accession# | NM_002821 |
| Protein Accession# | NP_002812 |
| Gene Name | PTK7 |
| Gene Alias | CCK4 |
| Gene Description | PTK7 protein tyrosine kinase 7 |
| Omim ID | 601890 |
| Gene Ontology | Hyperlink |
| Gene Summary | Receptor protein tyrosine kinases transduce extracellular signals across the cell membrane. A subgroup of these kinases lack detectable catalytic tyrosine kinase activity but retain roles in signal transduction. The protein encoded by this gene is a member of this subgroup of tyrosine kinases and may function as a cell adhesion molecule. This gene is thought to be expressed in colon carcinomas but not in normal colon, and therefore may be a marker for or may be involved in tumor progression. Four transcript variants encoding four different isoforms have been found for this gene. [provided by RefSeq] |
| Other Designations | OTTHUMP00000039809 colon carcinoma kinase-4 |