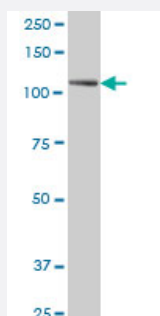


# PTK7 monoclonal antibody (M02), clone 4C6

Catalog # H00005754-M02

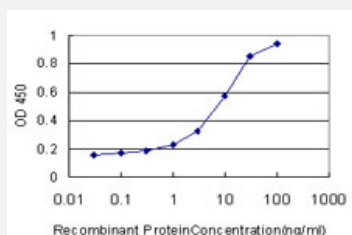
Size 100 ug

## Applications



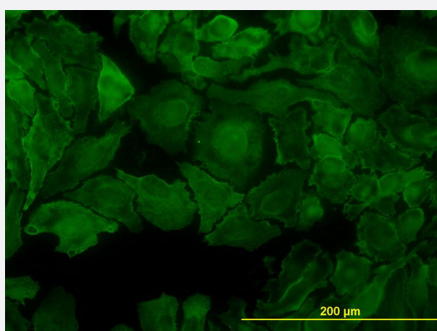
### Western Blot (Cell lysate)

PTK7 monoclonal antibody (M02), clone 4C6 Western Blot analysis of PTK7 expression in A-431 ( Cat # L015V1 ).



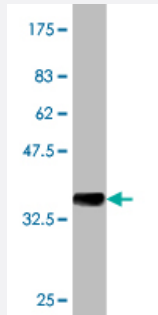
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK7 is approximately 1ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to PTK7 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

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

## Applications

- Western Blot (Cell lysate)

PTK7 monoclonal antibody (M02), clone 4C6 Western Blot analysis of PTK7 expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK7 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PTK7 on HeLa cell. [antibody concentration 10 ug/ml]

## 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