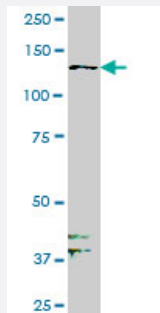


PTK7 monoclonal antibody (M03), clone 4A6

Catalog # H00005754-M03

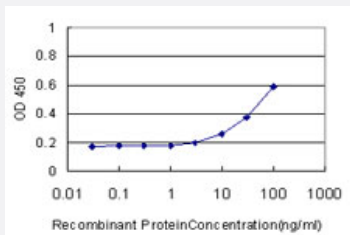
Size 100 ug

Applications



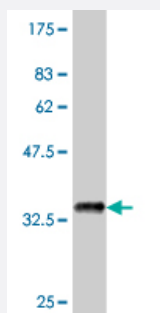
Western Blot (Cell lysate)

PTK7 monoclonal antibody (M03), clone 4A6 Western Blot analysis of PTK7 expression in MCF-7 (Cat # L046V1).



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	IgG2a 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 (M03), clone 4A6 Western Blot analysis of PTK7 expression in MCF-7 (Cat # L046V1).

[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