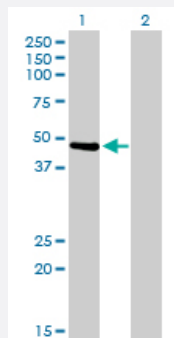


PTK9 monoclonal antibody (M05), clone 1D12

Catalog # H00005756-M05

Size 100 ug

Applications

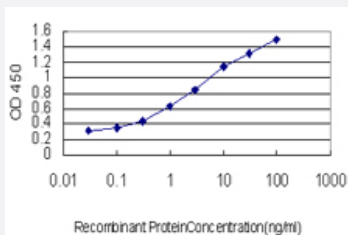


Western Blot (Transfected lysate)

Western Blot analysis of PTK9 expression in transfected 293T cell line by PTK9 monoclonal antibody (M05), clone 1D12.

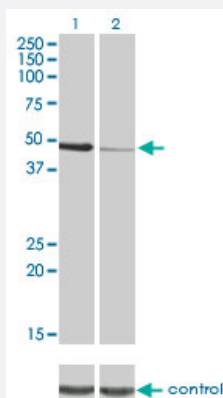
Lane 1: PTK9 transfected lysate (43.9 kDa).

Lane 2: Non-transfected lysate.



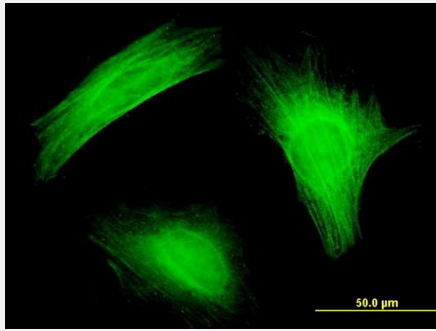
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK9 is approximately 0.03 ng/ml as a capture antibody.



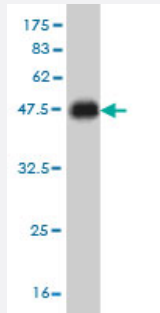
RNAi Knockdown (Antibody validated)

Western blot analysis of PTK9 over-expressed 293 cell line, cotransfected with PTK9 Validated Chimera RNAi (Cat # H00005756-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PTK9 monoclonal antibody (M05) clone 1D12 (Cat # H00005756-M05). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TWF1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (44.66 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PTK9.
Immunogen	PTK9 (AAH22344, 80 a.a. ~ 252 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VAFPI SREAFQALEKLN NRQLNYVQLEIDIKNEIIILANTTNTTELKDLPKRIPKDSARYHFFLYKHSHEG DYLESIVFIYSMPGYTCSIRERMLYSSCKSRLLIVERQLQMDVIRKIEIDNGDELTA DFLYEEVHPKQ HAHKQSSAKPKGPAGKRGIRRLIRGPAETEATTD
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.66 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 (Transfected lysate)

Western Blot analysis of PTK9 expression in transfected 293T cell line by PTK9 monoclonal antibody (M05), clone 1D12.

Lane 1: PTK9 transfected lysate(43.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK9 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PTK9 over-expressed 293 cell line, cotransfected with PTK9 Validated Chimera RNAi (Cat # H00005756-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PTK9 monoclonal antibody (M05) clone 1D12 (Cat # H00005756-M05). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TWF1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TWF1

Entrez GeneID [5756](#)

GeneBank Accession# [BC022344](#)

Protein Accession# [AAH22344](#)

Gene Name TWF1

Gene Alias A6, MGC23788, MGC41876, PTK9

Gene Description twinfilin, actin-binding protein, homolog 1 (Drosophila)

Omim ID	610932
Gene Ontology	Hyperlink
Gene Summary	This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals . Studies of the mouse counterpart suggest that this protein may be an actin monomer-binding protein, and its localization to cortical G-actin-rich structures may be regulated by the small GTPase RAC1. [provided by RefSeq]
Other Designations	A6 protein tyrosine kinase PTK9 protein tyrosine kinase 9 protein tyrosine kinase 9 twinfilin 1

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)