



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## PTK9 monoclonal antibody (M05), clone 1D12

Catalog # : H00005756-M05

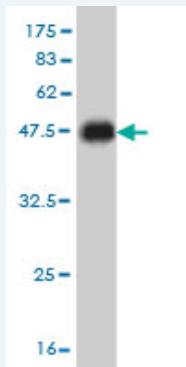
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant PTK9.
<b>Immunogen:</b>	PTK9 (AAH22344, 80 a.a. ~ 252 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	VAFPI SREAFQALEKLNRRQLNYVQLEIDIKNEIILANTTNTLKDLPKRIPK DSARYHFFLYKHSHEGDYLESIMFIYSMPGYTCSIRERMLYSSCKSRLLLEI VERQLQMDVIRKIEIDNGDELTA DFLYEEVHPKQHAHKQSSAKPKGPAGK RGIRRLIRGPAETEATTD
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	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.

**MSDS:** [Download](#)

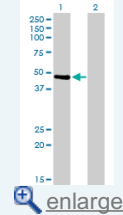
**Datasheet:** [Download](#)

### Applications

**Western Blot (Transfected lysate)**

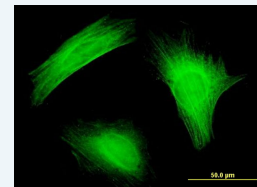
### Application Image

**Western Blot (Transfected lysate)**

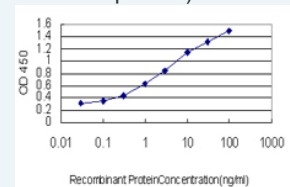


**Western Blot (Recombinant protein)**

**Immunofluorescence**

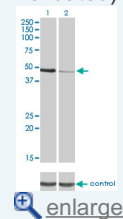


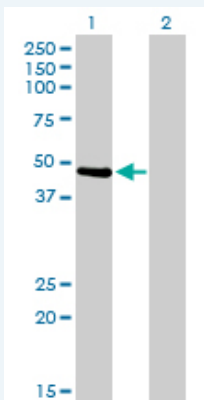
**Sandwich ELISA (Recombinant protein)**



**ELISA**

**RNAi Knockdown (Antibody validated)**





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

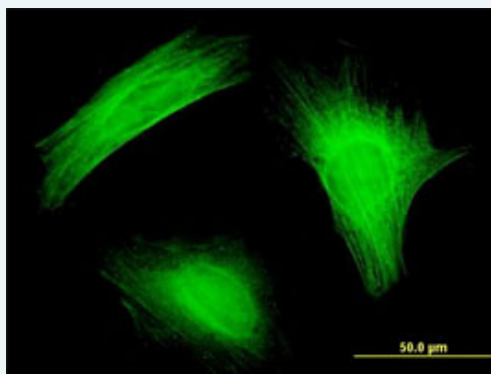
Lane 1: PTK9 transfected lysate(43.9 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Immunofluorescence

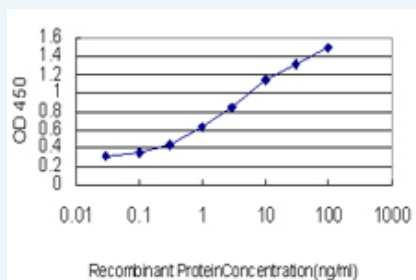


[enlarge this image](#)

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

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### Sandwich ELISA (Recombinant protein)

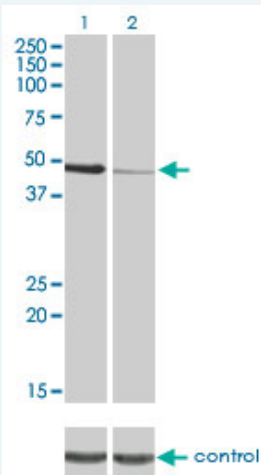


Detection limit for recombinant GST tagged PTK9 is approximately 0.03ng/ml as a capture antibody.

[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.

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## Gene Information

**Entrez GeneID:** [5756](#)

**GeneBank** [BC022344](#)

**Accession#:**

**Protein** [AAH22344](#)

**Accession#:**

**Gene Name:** TWF1

**Gene Alias:** A6,MGC23788,MGC41876,PTK9

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

**Description:**

**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** A6 protein tyrosine kinase,PTK9 protein tyrosine kinase 9,protein

**Designations:** tyrosine kinase 9,twinfilin 1

## Related Disease

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[Leukemia, Myeloid, Acute](#) [Meningeal Neoplasms](#) [Meningioma](#)