



# 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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## PTPN14 monoclonal antibody (M01), clone 4F7

Catalog # : H00005784-M01

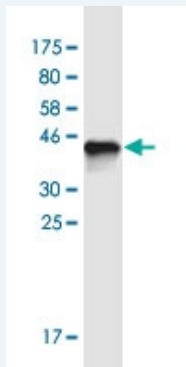
規格 : [ 100 ug ]

[List All](#)

### Specification

|                             |  |
|-----------------------------|--|
| <b>Product Description:</b> | Mouse monoclonal antibody raised against a partial recombinant PTPN14.   |
| <b>Immunogen:</b>           | PTPN14 (NP_005392.2, 303 a.a. ~ 412 a.a) partial recombinant protein with GST tag.                                       |
| <b>Sequence:</b>            | KQNKICTEQSNSPPPIRRQPTWSRSSLPRQQPYILPPVHVQCGEHYSET<br>HTSQDSIFHGNEEALYCNSHNSLDLNYLNGT VTNGSVCSVHSVNSLNCSSQ<br>SFIQASPVSSN |
| <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 (40.04 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

### Applications

**Western Blot (Recombinant protein)**

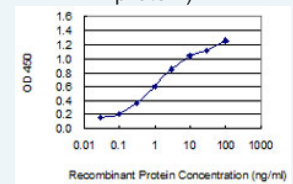
[Protocol Download](#)

**Sandwich ELISA (Recombinant protein)**

### Application Image

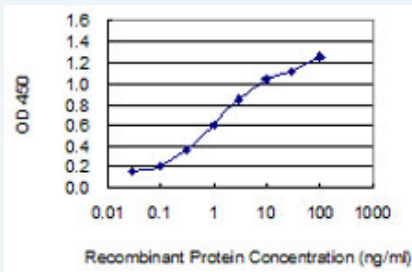
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged PTPN14 is 0.03 ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [5784](#)

GeneBank [NM\\_005401.4](#)

Accession#:

Protein [NP\\_005392.2](#)

Accession#:

Gene Name: PTPN14

Gene Alias: MGC126803, PEZ, PTP36

Gene Description: protein tyrosine phosphatase, non-receptor type 14

Omim ID: [603155](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal noncatalytic domain similar to that of band 4.1 superfamily cytoskeleton-associated proteins, which suggested the membrane or cytoskeleton localization of this protein. The specific function of this PTP has not yet been determined. [provided by RefSeq]

Other Designations: OTTHUMP00000035094, cytoskeletal-associated protein tyrosine phosphatase

### Related Disease

[Tobacco Use Disorder](#)