



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PTPN12 monoclonal antibody (M01), clone 4G6

Catalog # : H00005782-M01

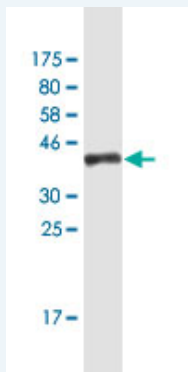
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PTPN12.
Immunogen:	PTPN12 (NP_002826.2, 682 a.a. ~ 779 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PESFVLASEHNTPVRSSEWSELQSQERSEQKKSEGLITSENEKCDHPAGG IHYEMCIECPPTFSDKREQISENPTEATDIGFGNRCGKPKGPRDPPSEW
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.52 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](#)

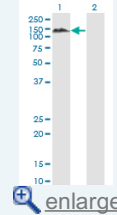
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

Application Image

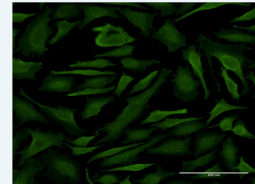
Western Blot (Transfected lysate)



[enlarge](#)

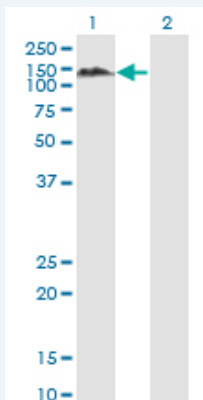
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



Western Blot analysis of PTPN12 expression in transfected 293T cell line by PTPN12 monoclonal antibody (M01), clone 4G6.

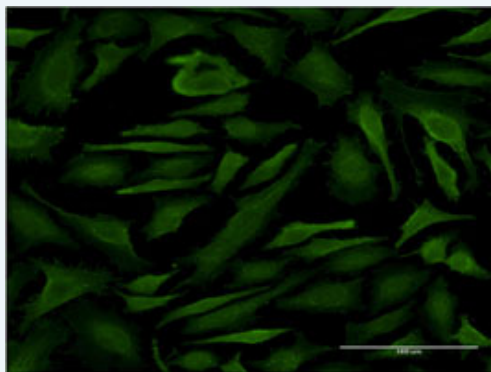
Lane 1: PTPN12 transfected lysate(88.1 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to PTPN12 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5782](#)

GeneBank [NM_002835](#)
Accession#:

Protein [NP_002826.2](#)
Accession#:

Gene Name: PTPN12

Gene Alias: PTP-PEST,PTPG1

Gene Description: protein tyrosine phosphatase, non-receptor type 12

Omim ID: [600079](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a

variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains a C-terminal PEST motif, which serves as a protein-protein interaction domain, and may regulate protein intracellular half-life. This PTP was found to bind and dephosphorylate the product of the oncogene c-ABL and thus may play a role in oncogenesis. This PTP was also shown to interact with, and dephosphorylate, various products related to cytoskeletal structure and cell adhesion, such as p130 (Cas), CAKbeta/PTK2B, PSTPIP1, and paxillin. This suggests it has a regulatory role in controlling cell shape and mobility. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000025119,protein-tyrosine phosphatase G1,tyrosine-protein phosphatase non-receptor type 12

Related Disease

[Genetic Predisposition to Disease](#) [Graves Disease](#) [Graves Ophthalmopathy](#)
[Kidney Failure, Chronic](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.