



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

## PAFAH1B3 monoclonal antibody (M02), clone 8C11

Catalog # : H00005050-M02

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant PAFAH1B3.

**Immunogen:** PAFAH1B3 (AAH03016, 1 a.a. ~ 231 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

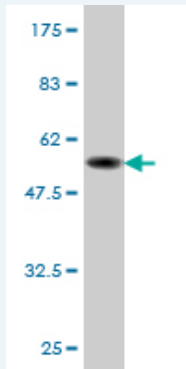
**Sequence:** MSGEENPASKPTPVQDVQGDGRWMSLHHRFVADSKDKEPEVVFIGDSL  
VQLMHQCEIWRELF SPLHALNFGIGDGTQHVLWRENGELEHIRPKIV  
VWVGTNNHGHTAEQVTGGIKAVQLVNERQPQARVVVLGLLPRGQHPNP  
LREKNRQVNELVRAALAGHPRAHFLDADPGFVHSDGTISHHDMYDYLHL  
SRLGYTPVCRALHSLLLRLLAQDQGGAPLLEPAP

**Host:** Mouse

**Reactivity:** Human, Rat

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (51.15 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](#)

### Publication Reference

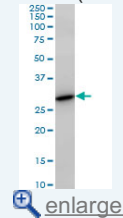
1. [Loss of PAFAH1B2 Reduces Amyloid- \$\beta\$  Generation by Promoting the Degradation of Amyloid Precursor Protein C-Terminal Fragments.](#)  
Page RM, Munch A, Horn T, Kuhn PH, Colombo A, Reiner O, Boutros M, Steiner H, Lichtenthaler SF, Haass C. J Neurosci. 2012 Dec 12;32(50):18204-18214.

### Applications

Western Blot (Cell lysate)

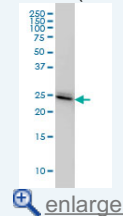
### Application Image

Western Blot (Cell lysate)



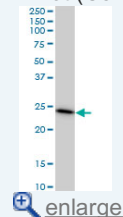
[enlarge](#)

Western Blot (Cell lysate)



[enlarge](#)

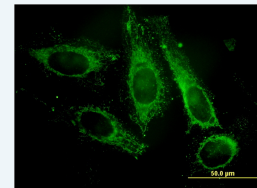
Western Blot (Cell lysate)



[enlarge](#)

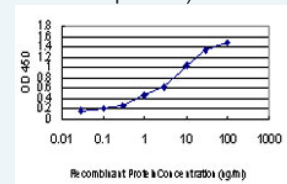
Western Blot (Recombinant protein)

Immunofluorescence



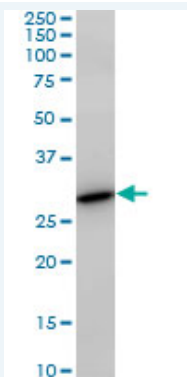
[enlarge](#)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

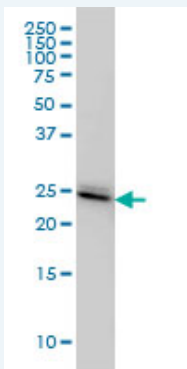
ELISA




PAFAH1B3 monoclonal antibody (M02), clone 8C11. Western Blot analysis of PAFAH1B3 expression in PC-12 ( Cat # L012V1 ).

 [Protocol Download](#)

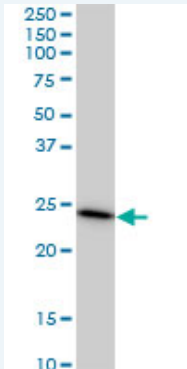
#### Western Blot (Cell lysate)



PAFAH1B3 monoclonal antibody (M02), clone 8C11 Western Blot analysis of PAFAH1B3 expression in IMR-32 ( Cat # L008V1 ).

 [Protocol Download](#)


#### Western Blot (Cell lysate)



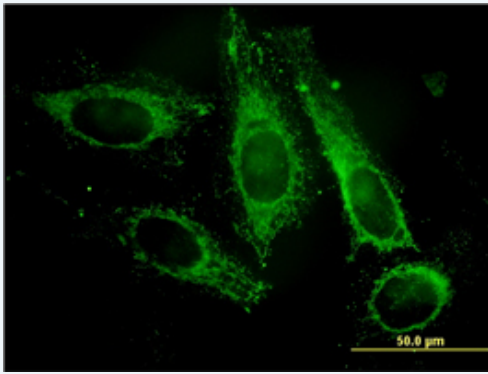
PAFAH1B3 monoclonal antibody (M02), clone 8C11. Western Blot analysis of PAFAH1B3 expression in Jurkat ( Cat # L017V1 ).

 [Protocol Download](#)

#### Western Blot (Recombinant protein)

 [Protocol Download](#)

#### Immunofluorescence

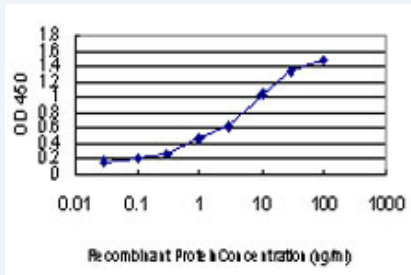


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to PAFAH1B3 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PAFAH1B3 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

#### Gene Information

Entrez GeneID: [5050](#)

GeneBank [BC003016](#)

Accession#:

Protein [AAH03016](#)

Accession#:

Gene Name: PAFAH1B3

Gene Alias: -

Gene Description: platelet-activating factor acetylhydrolase, isoform 1b, gamma subunit 29kDa

Omim ID: [603074](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex functions in brain development. A translocation between this gene on chromosome 19 and the CDC-like kinase 2 gene on chromosome 1 has been observed, and was associated with mental retardation, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described. [provided by RefSeq]

**Other** platelet-activating factor acetylhydrolase, isoform 1b, gamma subunit

**Designations:** (29kD)

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**Gene Pathway**

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[Ether lipid metabolism](#) [Metabolic pathways](#)

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