



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## NME2 monoclonal antibody (M01), clone 4B7-3F12

Catalog # : H00004831-M01

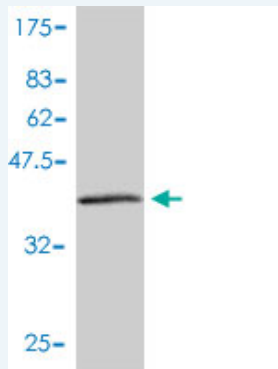
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant NME2.
<b>Immunogen:</b>	NME2 (AAH02476, 1 a.a. ~ 152 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQ HYIDLKDRPFFPGLVKYMNSGPVWAMWVEGLNVVKTGRVMLGETNPAD SKPGTIRGDFCIQVGRNIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDW VYE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 kappa

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



Western Blot detection against Immunogen (42.46 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](#)

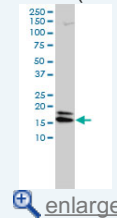
**Datasheet:** [Download](#)

### Applications

**Western Blot (Cell lysate)**

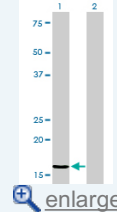
### Application Image

Western Blot (Cell lysate)



[enlarge](#)

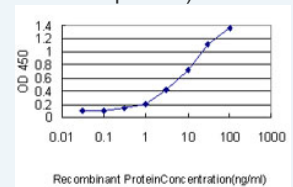
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

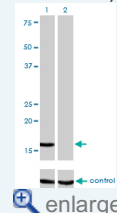
Sandwich ELISA (Recombinant protein)



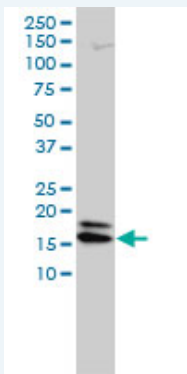
[enlarge](#)

ELISA

RNAi Knockdown (Antibody validated)



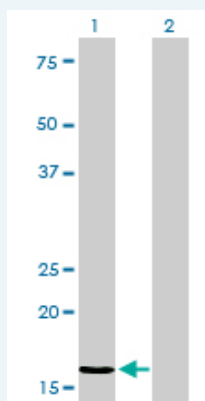
[enlarge](#)



NME2 monoclonal antibody (M01), clone 4B7-3F12 Western Blot analysis of NME2 expression in Jurkat ( Cat # L017V1 ).

[Protocol Download](#)

#### Western Blot (Transfected lysate)



Western Blot analysis of NME2 expression in transfected 293T cell line by NME2 monoclonal antibody (M01), clone 4B7-3F12.

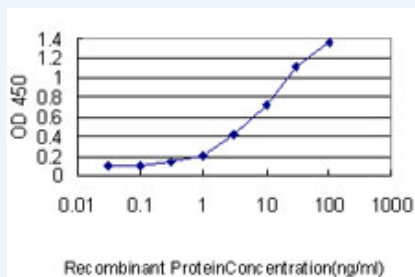
Lane 1: NME2 transfected lysate(17.3 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)

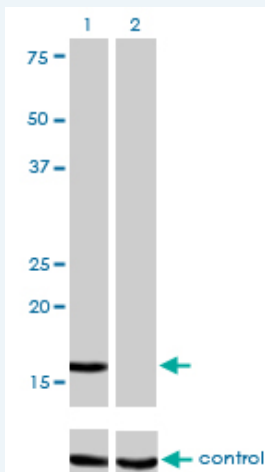


Detection limit for recombinant GST tagged NME2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

#### RNAi Knockdown (Antibody validated)



Western blot analysis of NME2 over-expressed 293 cell line, cotransfected with NME2 Validated Chimera RNAi ( Cat # H00004831-R11V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with NME2 monoclonal antibody (M01), clone 4B7-3F12 (Cat # H00004831-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [4831](#)

**GeneBank** [BC002476](#)

**Accession#:**

**Protein** [AAH02476](#)

**Accession#:**

**Gene Name:** NME2

**Gene Alias:** MGC111212,NDPK-B,NDPKB,NM23-H2,NM23B,puf

**Gene Description:** non-metastatic cells 2, protein (NM23B) expressed in

**Omim ID:** [156491](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. Co-transcription of this gene and the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) which encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]

**Other** NDP kinase

**Designations:** B,OTTHUMP00000174727,OTTHUMP00000174728,OTTHUMP00000174774,OTTHUMP00000174775,OTTHUMP00000174776,c-myc transcription factor,non-metastatic cells 2, protein (NM23) expressed in

## Gene Pathway

[Metabolic pathways](#) [Purine metabolism](#) [Pyrimidine metabolism](#)