



# 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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## NME2 monoclonal antibody (M11), clone 1E4

Catalog # : H00004831-M11

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant NME2.

**Immunogen:** NME2 (NP\_002503, 51 a.a. ~ 152 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

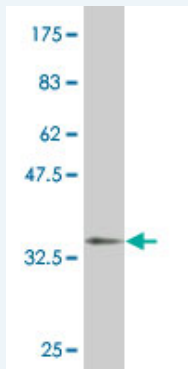
**Sequence:** HYIDLKDRPFFPGLVKYMNSGPVWAMWVEGLNVVKTGRVMLGETNPAD  
SKPGTIRGDFCIQVGRNIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDW  
VYE

**Host:** Mouse

**Reactivity:** Human, Mouse, Rat

**Isotype:** IgG3 Kappa

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



Western Blot detection against Immunogen (36.96 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](#)

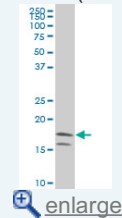
**Datasheet:** [Download](#)

### Applications

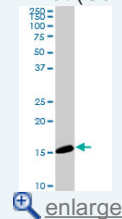
Western Blot (Cell lysate)

### Application Image

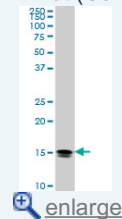
Western Blot (Cell lysate)



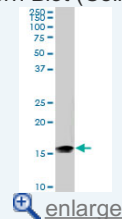
Western Blot (Cell lysate)



Western Blot (Cell lysate)

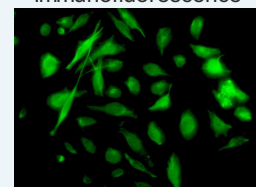


Western Blot (Cell lysate)

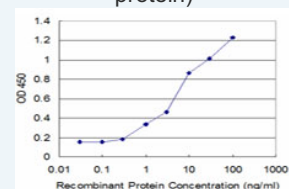


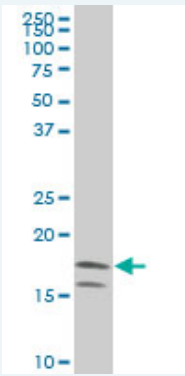
Western Blot (Recombinant protein)

Immunofluorescence




Sandwich ELISA (Recombinant protein)

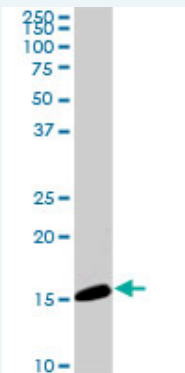




NME2 monoclonal antibody (M11), clone 1E4 Western Blot analysis of NME2 expression in HeLa ( Cat # L013V1 ).

 [Protocol Download](#)

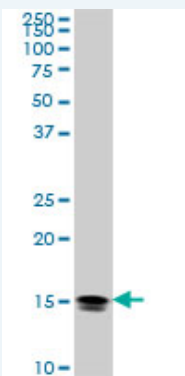
**Western Blot (Cell lysate)**



NME2 monoclonal antibody (M11), clone 1E4. Western Blot analysis of NME2 expression in PC-12 ( Cat # L012V1 ).

 [Protocol Download](#)

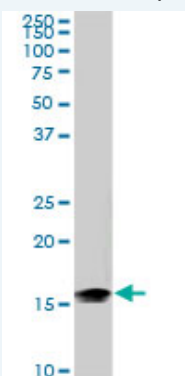
**Western Blot (Cell lysate)**




NME2 monoclonal antibody (M11), clone 1E4. Western Blot analysis of NME2 expression in Raw 264.7 ( Cat # L024V1 ).

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**Western Blot (Cell lysate)**



NME2 monoclonal antibody (M11), clone 1E4. Western Blot analysis of NME2 expression in NIH/3T3 ( Cat # L018V1 ).

 [Protocol Download](#)

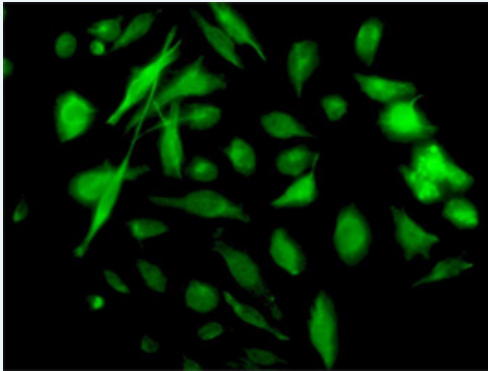
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### Western Blot (Recombinant protein)

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### Immunofluorescence



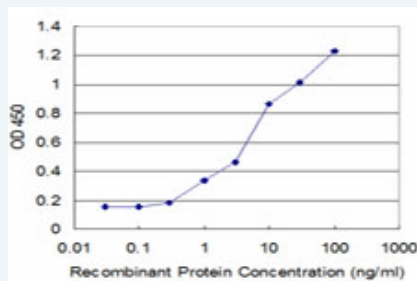
 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to NME2 on HeLa cell. [antibody concentration 10 ug/ml]


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### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged NME2 is approximately 1 ng/ml as a capture antibody.

 [Protocol Download](#)

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### ELISA

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#### Gene Information

Entrez GeneID: [4831](#)

GeneBank Accession#: [NM\\_002512](#)

Protein Accession#: [NP\\_002503](#)

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]

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

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#### Gene Pathway

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

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