



# 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) 



## DAPK1 monoclonal antibody (M01), clone 2E7

Catalog # : H00001612-M01

規格 : [ 100 ug ]

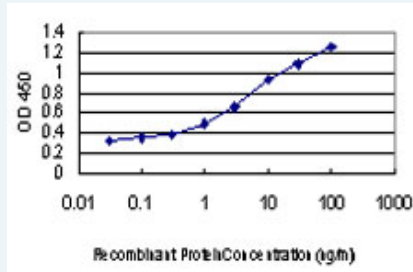
[List All](#)

### Specification


<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant DAPK1.
<b>Immunogen:</b>	DAPK1 (NP_004929, 1211 a.a. ~ 1310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	LLLDSVCSTIENVMATLPLGLLTVKHVLSPPQLREHHEPVMYQPRDFFR AQLTKETSLTNTMGYKESFSSIMCFGCHDVYSQASLGMDIHASDLNLL T
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

### Applications

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DAPK1 is approximately 0.1 ng/ml as a capture antibody.

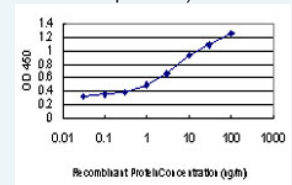
 [Protocol Download](#)

#### ELISA

#### *In situ* Proximity Ligation Assay (Cell)

### Application Image

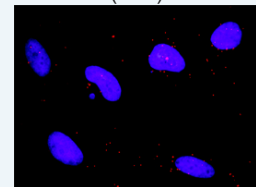
#### Sandwich ELISA (Recombinant protein)



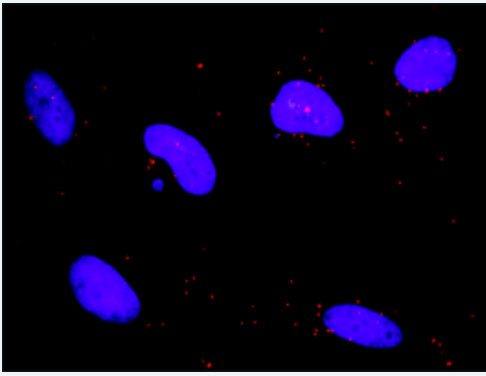
 [enlarge](#)

#### ELISA

#### *In situ* Proximity Ligation Assay (Cell)



 [enlarge](#)



Proximity Ligation Analysis of protein-protein interactions between MAPK3 and DAPK1. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-DAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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### Gene Information

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**Entrez GeneID:** [1612](#)

**GeneBank  
Accession#:** [NM\\_004938](#)

**Protein  
Accession#:** [NP\\_004929](#)

**Gene Name:** DAPK1

**Gene Alias:** DAPK,DKFZp781I035

**Gene  
Description:** death-associated protein kinase 1

**Omim ID:** [600831](#)

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

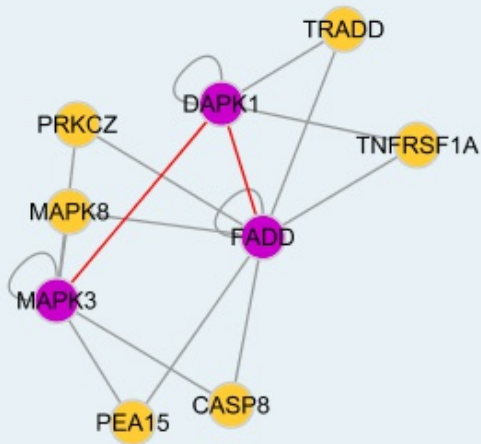
**Gene Summary:** Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. [provided by RefSeq]

**Other  
Designations:** -

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### Interactome

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### Gene Pathway

[Bladder cancer](#) [Pathways in cancer](#)

### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Breast cancer](#) [Breast Neoplasms](#) [Cognition](#)  
[Colorectal Neoplasms](#) [Genetic Predisposition to Disease](#) [Microsatellite Instability](#)  
[Narcolepsy](#) [Psychiatric Status Rating Scales](#) [Tobacco Use Disorder](#)

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