



# 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) 

## SPP1 monoclonal antibody (M01), clone 1E10

Catalog # : H00006696-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant SPP1.

**Immunogen:** SPP1 (NP\_000573, 148 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

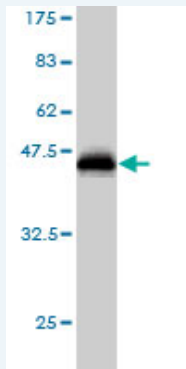
**Sequence:** SVVYGLRSKSKKFRRPDIQYPDATDEDITSHMESEELNGAYKAIPVAQDL  
NAPSDWDSRGKDSYETSQLDDQSAETHSHKQSRLYKRKANDESNEHSD  
VIDSQELSKVSR

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2a Kappa

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



Western Blot detection against Immunogen (37.84 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 (Recombinant protein)**

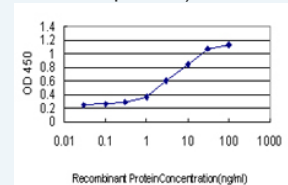
[Protocol Download](#)

**Sandwich ELISA (Recombinant protein)**

### Application Image

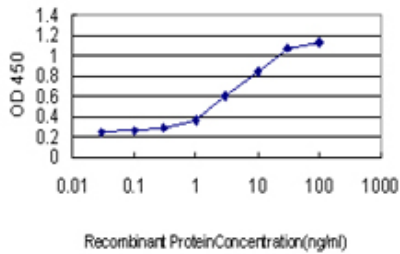
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

ELISA



Detection limit for recombinant GST tagged SPP1 is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [6696](#)

GeneBank [NM\\_000582](#)

Accession#:

Protein [NP\\_000573](#)

Accession#:

Gene Name: SPP1

Gene Alias: BNSP,BSPI,ETA-1,MGC110940,OPN

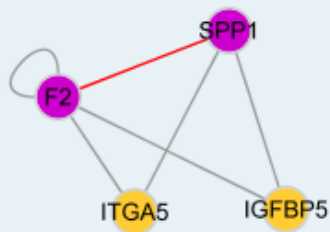
Gene Description: secreted phosphoprotein 1

Omim ID: [166490](#)

Gene Ontology: [Hyperlink](#)

Other Designations: SPP1/CALPHA1 fusion,bone sialoprotein I,early T-lymphocyte activation 1,osteopontin,osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein,secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)

### Interactome



## Gene Pathway

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[ECM-receptor interaction](#) [Focal adhesion](#) [Toll-like receptor signaling pathway](#)

## Related Disease

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[Adenocarcinoma](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amyotrophic Lateral Sclerosis](#)  
[Amyotrophic lateral sclerosis](#) [Anoxia](#) [Aortic Aneurysm, Abdominal](#) [Arthritis, Rheumatoid](#)  
[Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atherosclerosis](#) [Brain Infarction](#) [Brain Ischemia](#) [Calcinosis](#)  
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