



# 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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## MAGEA4 monoclonal antibody (M01), clone 3D12

產品編號 # : H00004103-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant MAGEA4.
<b>Immunogen:</b>	MAGEA4 (NP_002353, 98 a.a. ~ 171 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	TSPDAESLFRREALSNKVDELAHFLLRKYRAKELVTKAEMLERVIKNYKRC FPVIFGKASESLKMIFGIDVKEVD
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2b Kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.

**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](#)

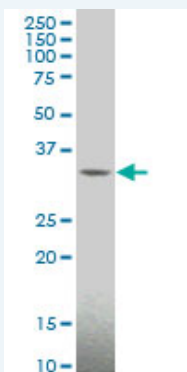
**Datasheet:** [Download](#)

### Publication Reference

1. [Heteroclitic serological response in esophageal and prostate cancer patients after NY-ESO-1 protein vaccination.](#)  
Kawada J, Wada H, Isobe M, Gnjjatic S, Nishikawa H, Jungbluth AA, Okazaki N, Uenaka A, Nakamura Y, Fujiwara S, Mizuno N, Saika T, Ritter E, Yamasaki M, Miyata H, Ritter G, Murphy R, Venhaus R, Pan L, Old LJ, Doki Y, Nakayama E. *Int J Cancer*. 2011 Mar 16. doi: 10.1002/ijc.26074. [Epub ahead of print]

### Applications

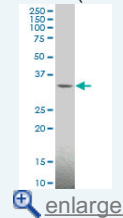
#### Western Blot (Cell lysate)



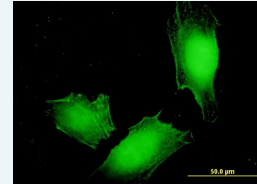
MAGEA4 monoclonal antibody (M01), clone 3D12 Western Blot analysis of MAGEA4

### Application Image

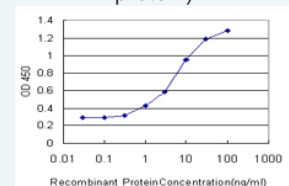
#### Western Blot (Cell lysate)



#### Immunofluorescence



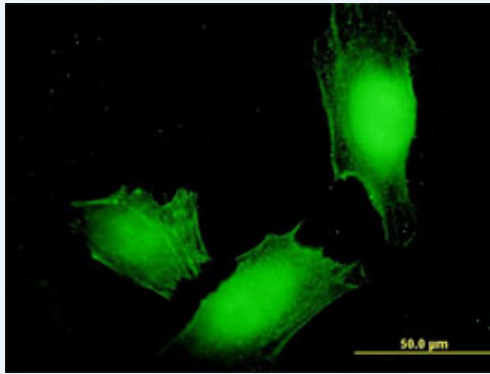
#### Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

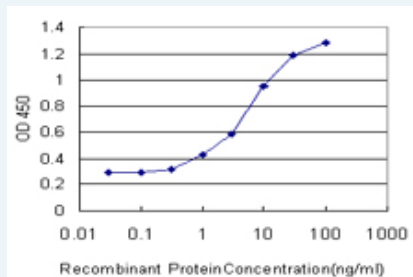
### Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to MAGEA4 on HeLa cell. [antibody concentration 10 ug/ml]

### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MAGEA4 is approximately 0.3ng/ml as a capture antibody.

### ELISA

#### Gene Information

Entrez GeneID: [4103](#)

GeneBank Accession#: [NM\\_002362](#)

Protein Accession#: [NP\\_002353](#)

Gene Name: MAGEA4

Gene Alias: MAGE-41, MAGE-X2, MAGE4, MAGE4A, MAGE4B, MGC21336

Gene Description: melanoma antigen family A, 4

Omim ID: [300175](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. At least four variants encoding the same

protein have been found for this gene. [provided by RefSeq

**Other** OTTHUMP00000025889,OTTHUMP00000025890,melanoma-  
**Designations:** associated antigen 4

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