



# 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) 

## MUC2 monoclonal antibody (M01), clone 4A8

Catalog # : H00004583-M01

規格 : [ 100 ug ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse monoclonal antibody raised against a partial recombinant MUC2.	ELISA
<b>Immunogen:</b> MUC2 (NP_002448, 5081 a.a. ~ 5179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.	
<b>Sequence:</b> TTEVSYAGCTKTVLMNHCSGSCGTFVMYSAKAQALDHSCSCCKEEKTS QREVVLSCPNGGSLTHTYTHIESCQCQDTCVGLPTGTSRRARRSPRHL GSG*	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Isotype:</b> IgG2a 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>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">4583</a>	
<b>GeneBank Accession#:</b> <a href="#">NM_002457</a>	
<b>Protein Accession#:</b> <a href="#">NP_002448</a>	
<b>Gene Name:</b> MUC2	
<b>Gene Alias:</b> MLP, SMUC	
<b>Gene Description:</b> mucin 2, oligomeric mucus/gel-forming	
<b>Omim ID:</b> <a href="#">158370</a>	

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

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**Gene Summary:** This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq]

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**Other** mucin 2, mucin 2, intestinal/tracheal, mucin-like protein

**Designations:**

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### Gene Pathway

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[Vibrio cholerae infection](#)

### Related Disease

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[Asthma](#) [Asthma](#) [Bronchiolitis](#) [Viral Chronic Disease](#) [Genetic Predisposition to Disease](#)  
[Infant, Premature, Diseases](#) [Lung Diseases](#) [Otitis Media](#) [Otitis Media with Effusion](#)  
[Recurrence](#) [Respiratory Syncytial Virus Infections](#) [Stomach Neoplasms](#)  
[Tobacco Use Disorder](#)

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