



# 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) 

## GSTT1 monoclonal antibody (M01), clone 2E10-1B2

Catalog # : H00002952-M01

規格 : [ 100 ug ]

List All

### Specification

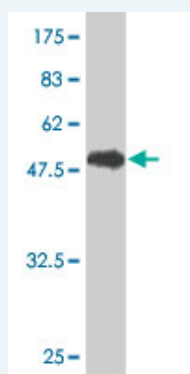
<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant GSTT1.
<b>Immunogen:</b>	GSTT1 (AAH07065, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MGLELYLDLLSQPCRAVYIFAKKNDIPFELRVDLIKQHLSDACAQVNPL KKVPALKDGDFTLTESVAILLYLTRKYKVPDYWYPQDLQARARVDEYLA WQHHTTLRRSCLRALWHKVMFPVFLGEPVSPQTLAATLAELDVTLQLLE DKFLQNKAFLTGPHISLADLVAITELMHPVGAGCQVFEGRPKLATWRQR VEAAVGEDLFQEAHEVILKAKDFPPADPTIKQKLMPWVLAMIR
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 Kappa

### Application Image

Western Blot (Recombinant protein)

ELISA

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



Western Blot detection against Immunogen (52.14 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](#)

### Publication Reference

1. The prognostic and predictive power of redox protein expression for anthracycline-based chemotherapy response in locally advanced breast cancer.  
Woolston CM, Zhang L, Storr SJ, Al-Attar A, Shehata M, Ellis IO, Chan SY, Martin SG. Mod Pathol. 2012 Apr 6. doi: 10.1038/modpathol.2012.60. [Epub ahead of print]
2. Redox Protein Expression Predicts Radiotherapeutic Response in Early-Stage Invasive Breast Cancer Patients.  
Woolston CM, Al-Attar A, Storr SJ, Ellis IO, Morgan DA, Martin SG. Int J Radiat Oncol Biol Phys. 2011 Feb 5. [Epub ahead of print]

3. [Effects of Azithromycin \(AZM\) on Glutathione-S-Transferases \(GST\)s in Cystic Fibrosis Airway Cells.](#)  
Bergamini G, Cigana C, Sorio C, Della Peruta M, Pompella A, Corti A, Huaux FA, Leal T, Assael BM, Melotti P. *Am J Respir Cell Mol Biol.* 2009 Aug;41(2):199-206. Epub 2008 Dec 18.
4. [Anti-glutathione S-transferase T1 antibody-mediated rejection in C4d-positive renal allograft recipients.](#)  
Aguilera I, Alvarez-Marquez A, Gentil MA, Fernandez-Alonso J, Fijo J, Saez C, Wichmann I, Nunez-Roldan A. *Nephrol Dial Transplant.* 2008 Jul;23(7):2393-8. Epub 2008 Feb 28.

## Applications

### Western Blot (Recombinant protein)

 [Protocol Download](#)

### ELISA

## Gene Information

Entrez GeneID: [2952](#)

GeneBank [BC007065](#)  
Accession#:

Protein [AAH07065](#)  
Accession#:

Gene Name: GSTT1

Gene Alias: -

Gene [glutathione S-transferase theta 1](#)  
Description:

Omim ID: [600436](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55% amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. The GSTT1 gene is located approximately 50kb away from the GSTT2 gene. The GSTT1 and GSTT2 genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]

Other -  
Designations:

## Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glutathione metabolism](#)  
[Metabolism of xenobiotics by cytochrome P450](#)

## Related Disease

[Abnormalities, Drug-Induced Abortion, Habitual Absenteeism Acute Disease](#)  
[Acute Lung Injury Adenocarcinoma Adenocarcinoma, Bronchiolo-Alveolar](#)  
[Adenocarcinoma, Clear Cell Adenocarcinoma, Follicular Adenoma Adenoma, Liver Cell](#)  
[Adenoma, Oxyphilic Adenomatous Polyposis Coli Airway Remodeling Alcoholism](#)  
[Alcohol-Related Disorders alpha 1-Antitrypsin Deficiency Alpha-1-antitrypsin deficiency](#)  
[Altitude Sickness](#)

[... see more](#)

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.