



# 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) 

## GSTP1 monoclonal antibody (M03), clone S1

Catalog # : H00002950-M03

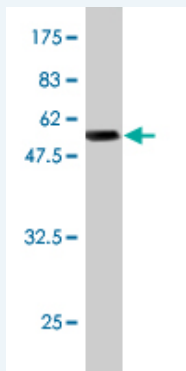
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full-length recombinant GSTP1.
<b>Immunogen:</b>	GSTP1 (AAH10915, 1 a.a. ~ 210 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MPPYTVVYFPVVRGRCALRMLLADQGQSWKEEVTVETWQEGSLKAS CLYGQLPEFQDGDLTLYQSNTILRHLGRTLGLYGKDQQEAALVDMVND GVEDLRCKYVSLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQGGKTFV GDQISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRSARPKLKAFLAS PEYVNLPIGNGKQ
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 Kappa

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



Western Blot detection against Immunogen (48.84 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)**

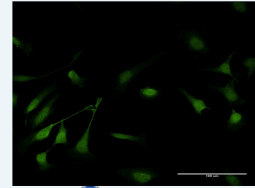
[Protocol Download](#)

**Immunofluorescence**

### Application Image

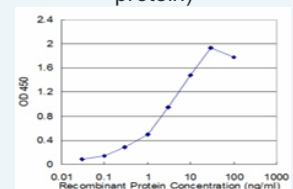
Western Blot (Recombinant protein)

Immunofluorescence



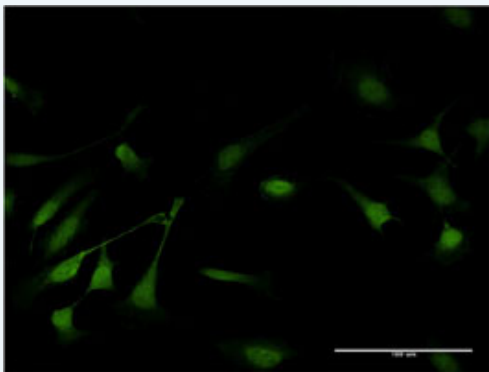
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

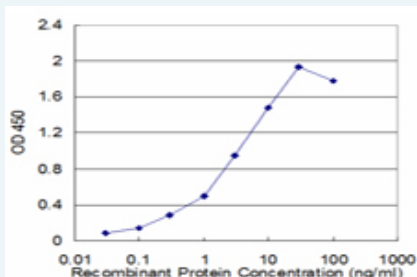


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to GSTP1 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged GSTP1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

### Gene Information

Entrez GeneID: [2950](#)

GeneBank [BC010915](#)  
Accession#:

Protein [AAH10915](#)  
Accession#:

Gene Name: GSTP1

Gene Alias: DFN7,FAEES3,GST3,PI

Gene Description: glutathione S-transferase pi 1

Omim ID: [134660](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq]

Other Designations: OTTHUMP00000174659,deafness, X-linked 7,fatty acid ethyl ester synthase III,glutathione transferase

## Gene Pathway

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[Drug metabolism - cytochrome P450](#) [Glutathione metabolism](#)  
[Metabolism of xenobiotics by cytochrome P450](#) [Pathways in cancer](#) [Prostate cancer](#)

## Related Disease

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[Abortion, Habitual](#) [Absenteeism](#) [Acquired Immunodeficiency Syndrome](#) [Acute Disease](#)  
[Acute Lung Injury](#) [Adenocarcinoma](#) [Adenocarcinoma, Bronchiolo-Alveolar](#)  
[Adenocarcinoma, Clear Cell](#) [Adenoma](#) [Adenoma, Liver Cell](#) [Adenomatous Polyposis Coli](#)  
[Airway Remodeling](#) [Alcoholism](#) [alpha 1-Antitrypsin Deficiency](#)  
[Alpha-1-antitrypsin deficiency](#) [Altitude Sickness](#) [Alzheimer Disease](#) [Alzheimer disease](#)  
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