



# 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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## PGY1(Texas Red)/CEN7q(FITC) FISH Probe

Catalog # : FA0538

規格 : [ 200 uL ]

[List All](#)

### Specification

<b>Product Description:</b>	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> )
<b>Supplied Product:</b>	DAPI Counterstain (1500 ng/mL ) 250 uL
<b>Storage Instruction:</b>	Store at 4°C in the dark.
<b>Origin:</b>	Human
<b>Source:</b>	Genomic DNA
<b>Notice:</b>	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
<b>Regulation Status:</b>	For research use only (RUO)

### Application Image

Fluorescent In Situ Hybridization (Cell)

### Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [5243](#)

**Gene Name:** ABCB1

**Gene Alias:** ABC20,CD243,CLCS,GP170,MDR1,MGC163296,P-GP,PGY1

**Gene Description:** ATP-binding cassette, sub-family B (MDR/TAP), member 1

**Omim ID:** [171050](#)

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

**Gene Summary:** The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier.

[provided by RefSeq]

**Other** ATP-binding cassette, subfamily B, member 1,P glycoprotein 1,P-  
**Designations:** glycoprotein 1,colchicin sensitivity,doxorubicin resistance,multidrug  
resistance 1,multidrug resistance protein 1

### Gene Pathway

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[ABC transporters](#)

### Related Disease

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[Acquired Immunodeficiency Syndrome](#) [Acute Disease](#) [Addison Disease](#) [Adenocarcinoma](#)  
[Adenoma](#) [Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amnesia](#) [Anemia](#)  
[Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#)  
[Attention Deficit Disorder with Hyperactivity](#) [Bipolar Disorder](#) [Birth Weight](#) [Body Weight](#)  
[Brain Neoplasms](#)

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