



# 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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## Datasheet

### ABCB1 recombinant monoclonal antibody, clone MRK16

**Catalog Number:** RAB03755

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human P-glycoprotein.

**Clone Name:** MRK16

**Immunogen:** Original antibody is raised against recombinant protein corresponding to human P-glycoprotein

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** Unconjugated

**Concentration:** batch dependent

**Isotype:** IgG kappa

**Recommend Usage:** Flow cytometry

Immunofluorescence

Immunoprecipitation

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from PBS with 0.02% Proclin 300

**Storage Instruction:** Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5243

**Gene Symbol:** ABCB1

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

**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]