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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

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Datasheet

ABCB1 recombinant monoclonal antibody, clone MRK16

Catalog Number: RAB03754

Regulatory Status: For research use only (RUO)

Product Description: Mouse 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: Mouse

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: IgG1 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]