

ABCG2 (16G18) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00932

Product information

产品货号	HZ-YMA00932
别名	ABCG2;ABCP;BCRP;BCRP1;MXR;ATP-binding cassette sub-family G member 2;Breast cancer resistance protein;CDw338;Mitoxantrone resistance-associated protein;Placenta-specific ATP-binding cassette transporter;CD antigen CD338
产品名称	ABCG2 (16G18) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	ABCG2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	9429
Human Swissprot No.	Q9UNQ0
稀释度	IHC-P 1:400-1:2000, WB 1:1000-1:5000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	72kDa
预测分子量	72kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The membrane-associated protein encoded by this gene is included in 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 White subfamily. Alternatively referred to as a breast cancer resistance protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug resistance. It likely serves as a cellular defense mechanism in response to mitoxantrone and anthracycline exposure. Significant expression of this protein has been observed in the placenta, which may suggest a potential role for this molecule in placenta tissue. Multiple transcript variants encoding different isoforms have been found for this gene.
细胞定位	Cell membrane ; Multi-pass membrane protein . Apical cell membrane ; Multi-pass membrane protein . Mitochondrion membrane ; Multi-pass membrane protein . Enriched in membrane lipid rafts. .
纯化	Protein A
Clonality	Monoclonal