

Recombinant

DGRmAb®

**ABCG2 (DGR21110) Rabbit mAb (PBS Only)**

db11489-PBS

Package : 100µg

**Product Name** : ABCG2 (DGR21110) Rabbit mAb (PBS Only)**Cat.No.:** db11489-PBS**Synonyms** : MRX; MXR; ABCP; BCRP; BMDP; MXR1; ABC15; BCRP1; CD338; GOUT1; MXR-1; CDw338; UAQTL1; EST157481**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

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. [provided by RefSeq, Apr 2012]

**Immunogen**

A synthetic peptide of human BCRP/ABCG2

**Gene ID**

9429

**Swiss Prot**

Q9UNQ0

**Synonyms**

MRX; MXR; ABCP; BCRP; BMDP; MXR1; ABC15; BCRP1; CD338; GOUT1; MXR-1; CDw338; UAQTL1; EST157481

**Reactivity**

Human

**Application**

WB

**Calculated MW**

72 kDa

**Observed MW**

72 kDa

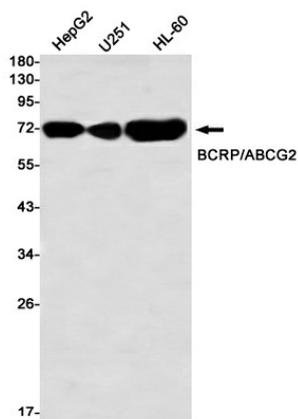
**Host species**

Rabbit

**Clonality**

Monoclonal

<b>Clonality No.</b>	DGR21110
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of BCRP/ABCG2 in HepG2,U251,HL-60 using BCRP/ABCG2 antibody(1:1000 diluted)