

Recombinant

DGRmAb®

ABCG2 (DGR21110) Rabbit mAb

db11489

Package : 10µL 20µL 50µL 100µL

Product Name : ABCG2 (DGR21110) Rabbit mAb**Cat.No.:** db11489**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

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

72 kDa

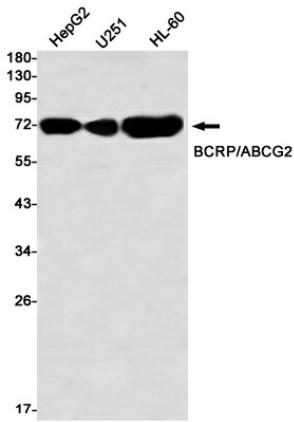
Observed MW

72 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR21110
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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)