



## 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

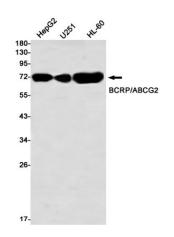
**Isotype** IgG

**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)