
BCRP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250556

Unit: 0.1 mg

Description:

Breast cancer resistance protein (BCRP) is a xenobiotic transporter with an important role in the exclusion of xenobiotics from the brain. BCRP is also involved in the multidrug resistance phenotype of several cancer cell lines. When overexpressed, the transfected cells become resistant to mitoxantrone, daunorubicin and doxorubicin, display diminished intracellular accumulation of daunorubicin, and manifest an ATP-dependent increase in the efflux of rhodamine 123.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: D, H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: ATP-binding cassette sub-family G member 2; Placenta-specific ATP-binding cassette transporter; Mitoxantrone resistance-associated protein; Breast cancer resistance protein; CDw338; CD338; ABCG2; ABCP; BCRP; BCRP1; MXR

Accession No.: Q9UNQ0

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BCRP.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Naud J et al. 2012. Drug Metabolism and Disposition. 40(1):39-46 PMID# 208084819.

For research use only, not for diagnostic or therapeutic procedures.