ABCG2(CD338) Antibody

E021476

Catalog Number:E021476

Clonality: Polyclonal

Purification: Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Applications:WB

Applications: Predicted MW: 65-80kd Western blotting: 1:500

Species Reactivity: Hu

Immunogen Description: Peptide sequence around aa.160~164(R-I-N-R-V) derived from Human ABCG2(CD338).

NCBI Gene ID:9429;

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species: Rabbit

Specificity/Sensitivity: The antibody detects endogenous level of total ABCG2(CD338) protein.

Gene Name:ABCG2(CD338)

Alternname:BMDP; MRX; ABC15; ABCP; BCRP1

Concentration:1.0mg/ml

Form of Antibody: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Background: Xenobiotic transporter that may play an important role in the exclusion of xenobiotics from the brain. May be involved in brain-to-blood efflux. Appears to play a major role 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. Henriksen U., Gether U., Litman T.J. Cell Sci. 118:1417-1426(2005) Wakabayashi K., Nakagawa H., Tamura A., Koshiba S., Hoshijima K., Komada M., Ishikawa T. J. Biol. Chem. 282:27841-27846(2007)

Swiss-Prot No.:Q9UNQ0

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