

For Research Use Only

BCRP/ABCG2 Recombinant antibody

Catalog Number:83835-1-RR



Basic Information

Catalog Number: 83835-1-RR	GenBank Accession Number: BC021281	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 9429	CloneNo.: 240959A4
Source: Rabbit	UNIPROT ID: Q9UNQ0	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ATP-binding cassette, sub-family G (WHITE), member 2	
Immunogen Catalog Number: AG25911	Calculated MW: 70 kDa	
	Observed MW: 68-72 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, U-251 cells, MCF-7 cells, SGC-7901 cells, HepG2 cells, mouse brain tissue
Species Specificity: human, mouse	

Background Information

BCRP (breast cancer resistance protein) confers a broad spectrum of drug resistance and the expression of BCRP is enhanced in several cancer cell models. It has ATPase activity and belongs to a family of multiple drug resistant proteins. Data also indicated that BCRP might be an early marker for some stem cells.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

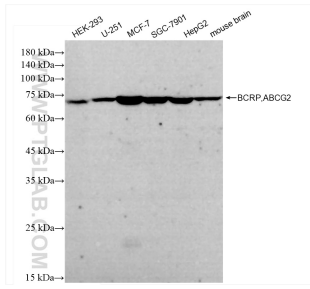
T: 4006900926

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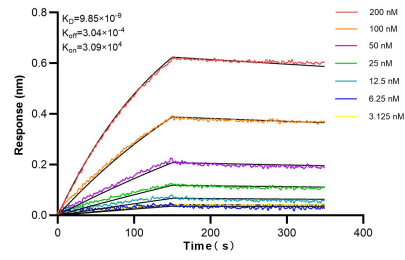
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83835-1-RR (BCRP, ABCG2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83835-1-RR against Human BCRP, ABCG2 were performed. The affinity constant is 9.85 nM.