

For Research Use Only

BCRP/ABCG2 Monoclonal antibody

Catalog Number: 60080-1-Ig **3 Publications**



Basic Information

Catalog Number: 60080-1-Ig	GenBank Accession Number: BC021281	Purification Method: Caprylic acid/ammonium sulfate precipitation
Size: 150ul , Concentration: 1320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9429	CloneNo.: 1D5F8
Source: Mouse	Full Name: ATP-binding cassette, sub-family G (WHITE), member 2	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Isotype: IgG1	Calculated MW: 70 kDa	
Immunogen Catalog Number: AG4869	Observed MW: 70-80 kDa, 140-160 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : Jurkat cells,
Species Specificity: human	IP : NCCIT cell,
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Simiao Yu	36403705	Fish Shellfish Immunol	WB
Jinfan Liu	37269551	J Agric Food Chem	WB
Jiaxue Peng	37087072	J Nutr Biochem	WB

Storage

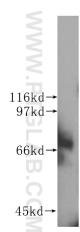
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

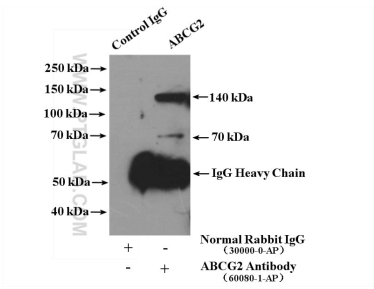
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 60080-1-Ig (BCRP/ABCG2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-BCRP/ABCG2 (IP:60080-1-Ig, 4ug; Detection:60080-1-Ig 1:1000) with NCCIT cell lysate 2000ug.