

For Research Use Only

GRP78,BIP Recombinant antibody, PBS Only

Catalog Number:80849-1-PBS

Featured Product



Basic Information

Catalog Number:

80849-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2188

GenBank Accession Number:

BC020235

GeneID (NCBI):

3309

UNIPROT ID:

P11021

Full Name:

heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)

Calculated MW:

78 kDa

Observed MW:

70,78 kDa

Purification Method:

Protein A purification

CloneNo.:

5F17

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat, pig

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

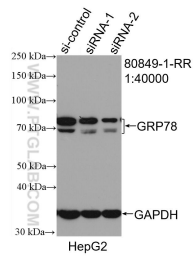
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

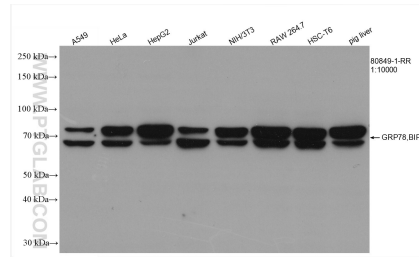
E: proteintech@ptglab.com
W: ptglab.com

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

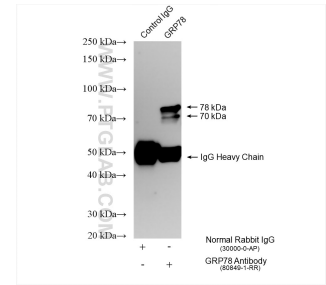
Selected Validation Data



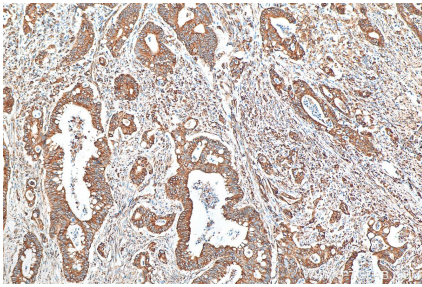
WB result of GRP78,BIP antibody (80849-1-RR; 1:16000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GRP78,BIP transfected HepG2 cells. This data was developed using the same antibody clone with 80849-1-PBS in a different storage buffer formulation.



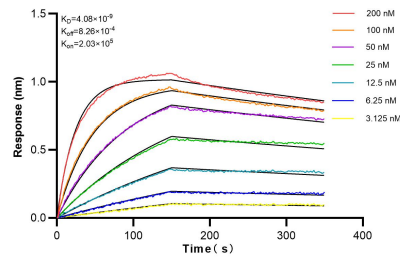
Various lysates were subjected to SDS PAGE followed by western blot with 80849-1-RR (GRP78,BIP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80849-1-PBS in a different storage buffer formulation.



IP result of anti-GRP78,BIP (IP:80849-1-RR, 4ug; Detection:80849-1-RR 1:3000) with HeLa cells lysate 1280 ug. This data was developed using the same antibody clone with 80849-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 80849-1-RR (GRP78,BIP antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 80849-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 80849-1-RR against Human GRP78/BIP were performed. The affinity constant is 4.08 nM.