

For Research Use Only

GRB2 Monoclonal antibody, PBS Only



Catalog Number: 66880-1-PBS

Featured Product

Basic Information

Catalog Number:

66880-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0395

GenBank Accession Number:

BC000631

GeneID (NCBI):

2885

UNIPROT ID:

P62993

Full Name:

growth factor receptor-bound protein

2

Calculated MW:

25 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

1C5D11

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

GRB2 (growth factor receptor-bound protein 2) binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. N-SH3 domain of Grb2 was involved in the protein vesicular localization including amyloid- β protein precursor (A β PP). Involvement of GRB2 in Ras-signaling pathway has been reported, recent finding show that GRB2 may also play a complex role in T and B-cell antigen receptor signaling.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

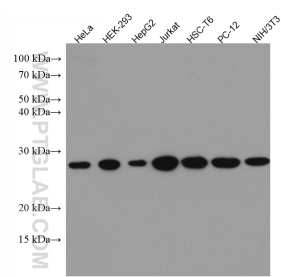
T: 4006900926

E: Proteintech-CN@ptglab.com

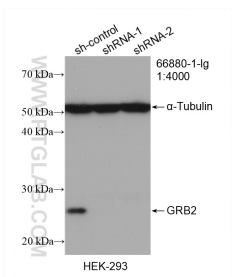
W: ptgcn.com

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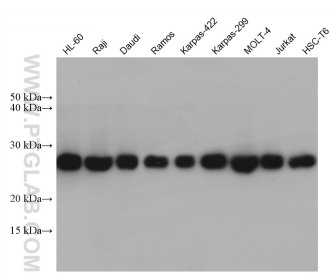
Selected Validation Data



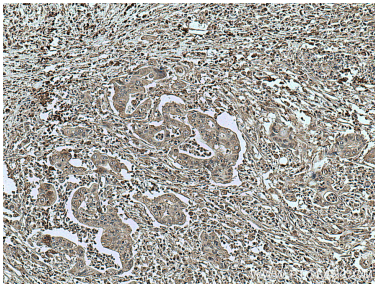
Various lysates were subjected to SDS PAGE followed by western blot with 66880-1-Ig (GRB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66880-1-PBS in a different storage buffer formulation.



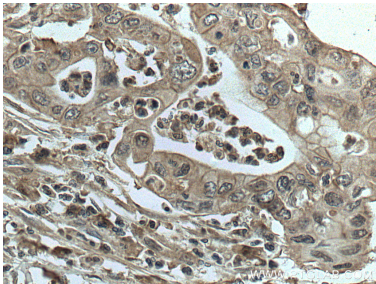
WB result of GRB2 antibody (66880-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GRB2 transfected HEK-293 cells. This data was developed using the same antibody clone with 66880-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66880-1-Ig (GRB2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66880-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66880-1-Ig (GRB2 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66880-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66880-1-Ig (GRB2 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66880-1-PBS in a different storage buffer formulation.