

For Research Use Only

GRB2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88060-1-PBS



Basic Information

Catalog Number:

88060-1-PBS

Source:

Rabbit

Isotype:

IgG

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:

25-28 kDa

Purification Method:

Protein A purification

CloneNo.:

260129D2

Applications

Tested Applications:

WB, Cytometric bead array, Indirect 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-beta protein precursor. 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, pH7.3

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

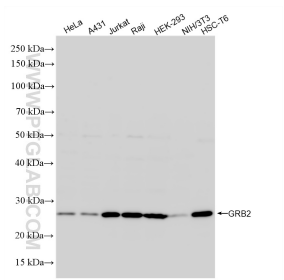
T: 4006900926

E: Proteintech-CN@ptglab.com

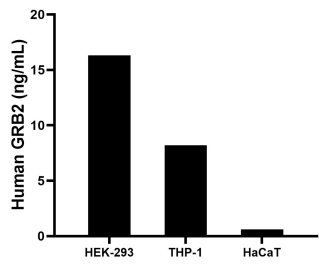
W: ptgcn.com

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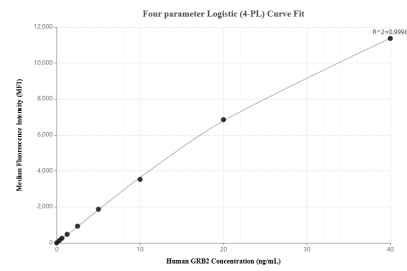
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88060-1-RR (GRB2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88060-1-PBS in a different storage buffer formulation.



The mean GRB2 concentration was determined to be 16.3 ng/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load, 8.2 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load, 0.6 ng/mL in HaCaT cell extract based on a 1.4 mg/mL extract load.



Cytometric bead array standard curve of MP03345-1, GRB2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88060-1-PBS. Detection antibody: 88060-2-PBS. Standard: Ag0395. Range: 0.312-40 ng/mL.