

For Research Use Only

GANAB Recombinant antibody, PBS Only (Capture)

Catalog Number: 83324-1-PBS

Featured Product



Basic Information

Catalog Number:

83324-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30417

GenBank Accession Number:

BC017435

GeneID (NCBI):

23193

UNIPROT ID:

Q14697

Full Name:

glucosidase, alpha; neutral AB

Calculated MW:

944aa, 107 kDa; 488aa, 55 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

240279B7

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human, mouse, rat

Product Information

83324-1-PBS targets GANAB as part of a matched antibody pair:

MP00350-1: 83324-1-PBS capture and 83324-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

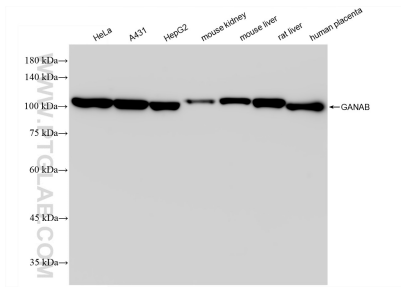
For technical support and original validation data for this product please contact:

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

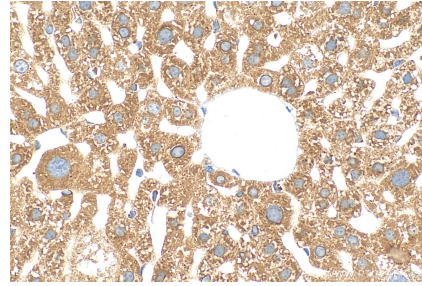
E: proteintech@ptglab.com
W: ptglab.com

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

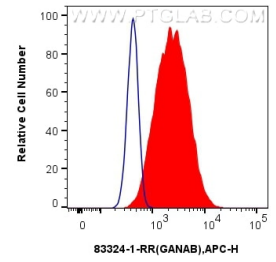
Selected Validation Data



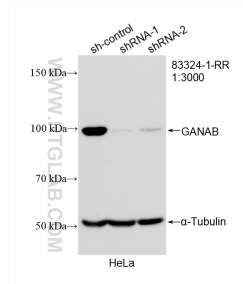
Various lysates were subjected to SDS PAGE followed by western blot with 83324-1-RR (GANAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83324-1-PBS in a different storage buffer formulation.



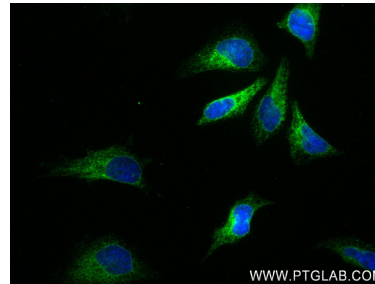
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 83324-1-RR (GANAB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83324-1-PBS in a different storage buffer formulation.



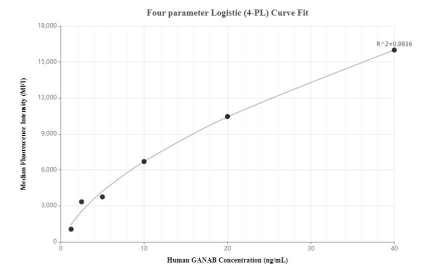
1×10^6 HeLa cells were intracellularly stained with 0.25 ug GANAB Recombinant antibody (83324-1-RR, Clone:240279B7)(red) or Isotype Control (blue) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83324-1-PBS in a different storage buffer formulation.



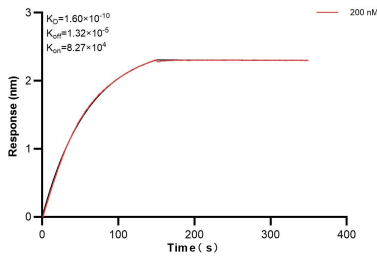
WB result of GANAB antibody (83324-1-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GANAB transfected HeLa cells. This data was developed using the same antibody clone with 83324-1-PBS in a different storage buffer formulation.



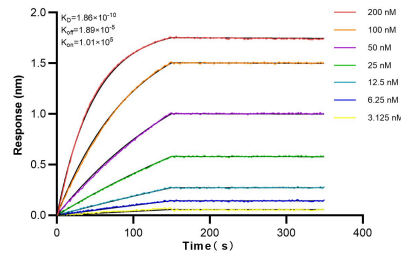
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GANAB antibody (83324-1-RR, Clone: 240279B7) at dilution of 1:200 and Coralite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83324-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00350-1, GANAB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83324-1-PBS. Detection antibody: 83324-2-PBS. Standard: Ag30417. Range: 1.25-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83324-1-PBS against Human GANAB was performed. The affinity constant is 0.16 nM.



Biolayer interferometry (BLI) kinetic assays of 83324-1-RR against Human GANAB were performed. The affinity constant is 0.186 nM.