

For Research Use Only

SEC61B Recombinant monoclonal antibody, PBS Only

Catalog Number: 85805-2-PBS



Basic Information

Catalog Number:

85805-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7169

GenBank Accession Number:

BC001734

GeneID (NCBI):

10952

UNIPROT ID:

P60468

Full Name:

Sec61 beta subunit

Calculated MW:

10 kDa

Observed MW:

10-15 kDa

Purification Method:

Protein A purification

CloneNo.:

250082D3

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

The heteromeric SEC61 complex is composed of alpha, beta and gamma subunits. Oligomers of the SEC61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane (PMID: 10212142). SEC61B is the beta subunit of the SEC61 complex. It has been reported that SEC61B facilitates cotranslational protein transport and interacts with the signal peptidase during translocation (PMID: 9585408).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

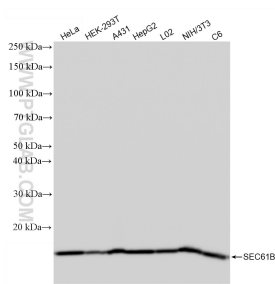
For technical support and original validation data for this product please contact:

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

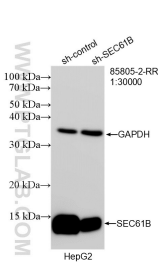
E: proteintech@ptglab.com
W: ptglab.com

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

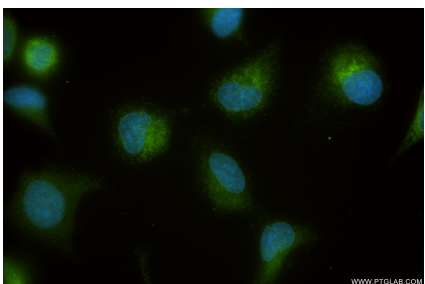
Selected Validation Data



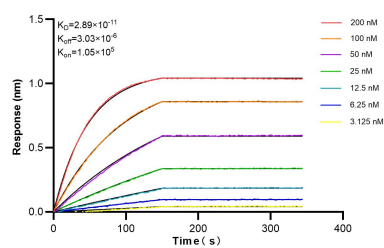
Various lysates were subjected to SDS PAGE followed by western blot with 85805-2-RR (SEC61B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85805-2-PBS in a different storage buffer formulation.



WB result of SEC61B antibody (85805-2-RR; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SEC61B transfected HepG2 cells. This data was developed using the same antibody clone with 85805-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SEC61B antibody (85805-2-RR, Clone: 250082D3) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85805-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85805-2-RR against Human SEC61B were performed. The affinity constant is 28.9 pM.