

For Research Use Only

SEC61B Recombinant monoclonal antibody

Catalog Number: 85805-2-RR



Basic Information

Catalog Number:

85805-2-RR

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

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293T cells, A431 cells, L02 cells, NIH/3T3 cells, C6 cells

IF/ICC : HeLa cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

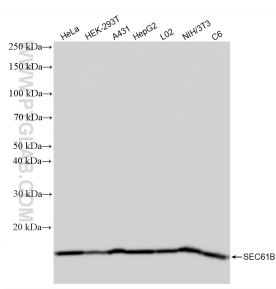
T: 4006900926

E: Proteintech-CN@ptglab.com

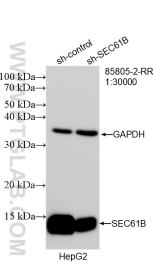
W: ptgcn.com

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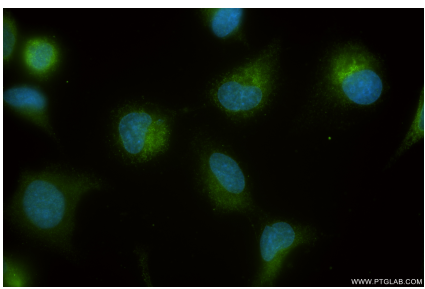
Selected Validation Data



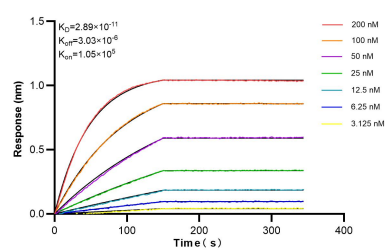
Various lysates were subjected to SDS PAGE followed by western blot with 85805-2-RR (SEC61B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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.



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).



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