

For Research Use Only

RPL13 Recombinant antibody, PBS Only

Catalog Number: 86205-2-PBS



Basic Information

Catalog Number:

86205-2-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1814

GenBank Accession Number:

BC014167

GeneID (NCBI):

6137

UNIPROT ID:

P26373

Full Name:

ribosomal protein L13

Calculated MW:

24 kDa

Observed MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

250752D2

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, monkey

Background Information

The mammalian ribosome comprises 79 ribosomal proteins and four rRNAs, which combine in equimolar ratios to form the small (40S) and large (60S) subunits. Ribosome proteins are a direct and critical target of the PI3K pathway in promoting growth.[PMID:15289434]. RPL13 may be a plausible candidate tumor suppressor gene, as knocking down L13 expression using small interfering RNA (siRNA) resulted in drastic attenuation of cancer cell growth with significant G1 and G2/M arrest of the cell cycle[PMID:16786168].

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:

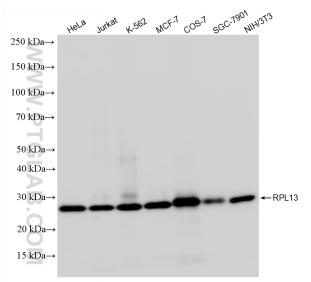
T: 4006900926

E: Proteintech-CN@ptglab.com

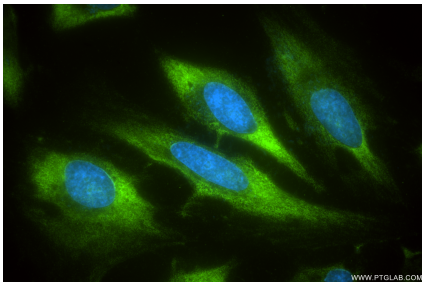
W: ptgcn.com

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

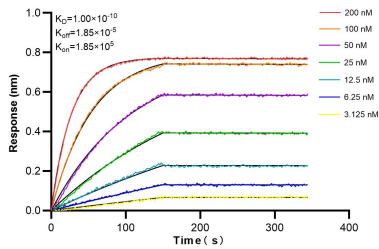
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86205-2-RR (RPL13 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86205-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RPL13 antibody (86205-2-RR, Clone: 250752D2) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86205-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86205-2-RR against Human RPL13 were performed. The affinity constant is 0.10 nM.