

For Research Use Only

FKBP11 Recombinant antibody, PBS Only

Catalog Number: 84478-5-PBS



Basic Information

Catalog Number:

84478-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11368

GenBank Accession Number:

BC027973

GeneID (NCBI):

51303

UNIPROT ID:

Q9NYL4

Full Name:

FK506 binding protein 11, 19 kDa

Calculated MW:

201 aa, 22 kDa

Observed MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

241912G12

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

FKBP11 (FK506 binding protein 11, also named FKBP19) was first described as predominantly expressed in secretory tissues including the pancreas and recent studies have suggested a role in beta cell survival under conditions of ER stress (PMID: 35456020). In addition, FKBP11 appears to play a role in osteoblasts and bone formation where it has been observed to associate with interferon-inducible transmembrane protein 5 (IFITM5) (PMID: 24058703).

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

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

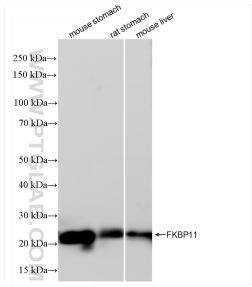
T: 4006900926

E: Proteintech-CN@ptglab.com

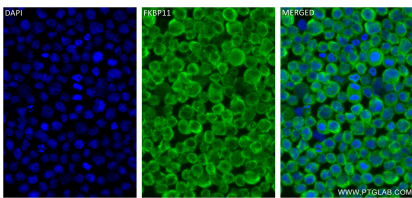
W: ptgcn.com

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Selected Validation Data



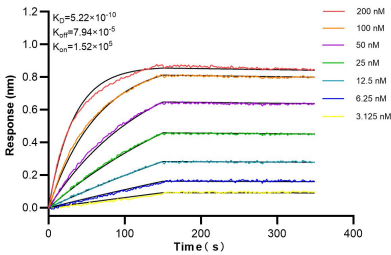
Various lysates were subjected to SDS PAGE followed by western blot with 84478-5-RR (FKBP11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84478-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using FKBP11 antibody (84478-5-RR, Clone: 241912G12) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84478-5-PBS in a different storage buffer formulation.



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 84478-5-RR (FKBP11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84478-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84478-5-RR against Human FKBP11 were performed. The affinity constant is 0.522 nM.