

For Research Use Only

PFKFB2 Recombinant antibody, PBS Only

Catalog Number: 85639-6-PBS



Basic Information

Catalog Number:

85639-6-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32347

GenBank Accession Number:

BC075076

GeneID (NCBI):

5208

UNIPROT ID:

O60825

Full Name:

6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2

Calculated MW:

505 aa, 58 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

243136E5

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

PFKFB2(6-Phosphofructo-2-kinase/fructose 2,6-bisphosphatase 2) is also named as PFK-2/FBPase-2, which is a bifunctional enzyme responsible for the synthesis and breakdown of Fru-2,6-P₂ in the regulation of glycolysis(PMID:10095107). In the C-terminal section, it belongs to the phosphoglycerate mutase family. The enzyme is a dimer of identical subunits, each composed of 505 amino acids and containing three discrete domains(PMID: 2552438). It has 2 isoforms produced by alternative splicing.

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:

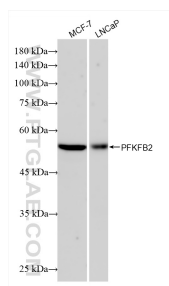
T: 4006900926

E: Proteintech-CN@ptglab.com

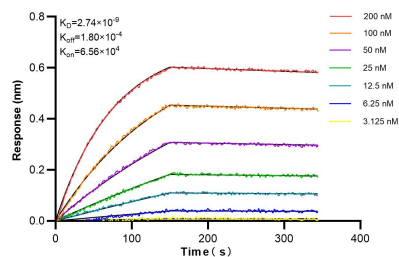
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85639-6-RR (PFKFB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85639-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85639-6-RR against Human PFKFB2 were performed. The affinity constant is 2.74 nM.