

PFKFB3 Monoclonal antibody

Catalog Number: 60241-1-Ig

Basic Information

Catalog Number:

60241-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4737

GenBank Accession Number:

BC040482

GeneID (NCBI):

5209

UNIPROT ID:

Q16875

Full Name:

6-phosphofructo-2-kinase/fructose-
2,6-bisphosphatase 3

Calculated MW:

520 aa, 60 kDa

Observed MW:

55-58 kDa

Purification Method:

Protein A purification

CloneNo.:

4D1B11

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

PFKFB3, also named as NY-REN-56 and iPFK-2, plays a role in glucose metabolism. It synthesis and degradation of fructose 2,6-bisphosphate. Endogenously generated adenosine cooperates with bacterial components to increase PFKFB3 isozyme activity, resulting in greater fructose 2,6-bisphosphate accumulation. PFKFB3 is required for increased growth, metabolic activity and is regulated through active JAK2 and STAT5.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

