

# PFKFB3 Monoclonal antibody

Catalog Number: 60241-1-Ig

## Basic Information

<b>Catalog Number:</b> 60241-1-Ig	<b>GenBank Accession Number:</b> BC040482	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5209	<b>CloneNo.:</b> 4D1B11
<b>Source:</b> Mouse	<b>Full Name:</b> 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 520 aa, 60 kDa	
<b>Immunogen Catalog Number:</b> AG4737	<b>Observed MW:</b> 55-58 kDa	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

