

Product datasheet for **CF500809**

PFKFB4 Mouse Monoclonal Antibody [Clone ID: OTI1C8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C8
Applications:	IF
Recommended Dilution:	IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PFKFB4 (NP_004558) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.0 kDa
Gene Name:	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
Database Link:	NP_004558 Entrez Gene 54283 Rat Entrez Gene 270198 Mouse Entrez Gene 5210 Human Q16877
Background:	Synthesis and degradation of fructose 2,6-bisphosphate



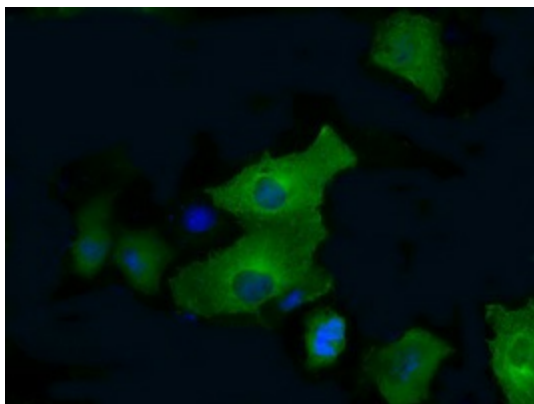
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Synonyms: 6-biphosphatase-4; 6-biphosphatase 4; 6-phosphofructo-2-kinase; bifunctional enzyme with kinase and biphosphatase activities; fructose-2

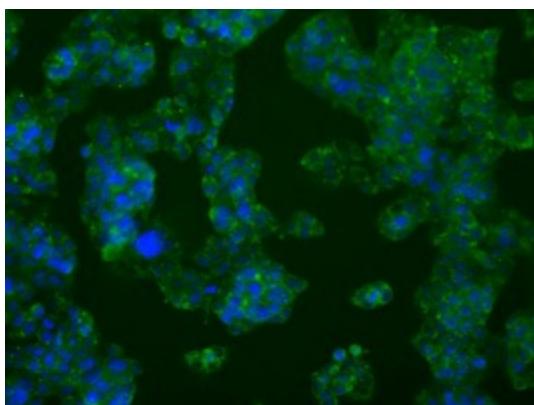
Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism

Product images:



Anti-PFKFB4 mouse monoclonal antibody ([TA500809]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PFKFB4 ([RC201573]).



Immunofluorescent staining of HepG2 cells using anti-PFKFB4 mouse monoclonal antibody ([TA500809]).