

32-6001: Mouse Anti Human Phosphofructokinase Muscle(Clone: PAT7D10Ae)

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| Clonality : | Monoclonal |
| Clone Name : | PAT7D10Ae |
| Application : | ELISA,WB |
| Gene : | PFKM |
| Gene ID : | 5213 |
| Uniprot ID : | P08237 |
| Format : | Purified |
| Alternative Name : | EC 2.7.1.11,GSD7,PFK-1,PFK1,PFKA,PFKX,Phosphofructokinase-M,Phosphofructokinase 1,Phosphohexokinase,Phosphofructo-1-kinase isozyme A,MGC8699,PFKM. |
| Isotype : | Mouse IgG2a heavy chain and Kappa light chain. |
| Immunogen Information : | Anti-human PFKM mAb, clone PAT2F11A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PFKM protein. |

Description

PFKM is a regulatory glycolytic enzyme that converts fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate (through PFK-2) and ADP. Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. Mutations in PFKM gene have been related with glycogen storage disease type VII, also identified as Tarui disease.

Product Info

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| Amount : | 20 µg |
| Purification : | PFKM antibody was purified from mouse ascitic fluids by protein-G affinity chromatography. |
| Content : | 1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.01% Sodium Azide. |
| Storage condition : | For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. |

Application Note

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:2000. Recommended starting dilution is 1:2000.