

### 32-6004: Mouse Anti Human Tumor Type M2 Pyruvate Kinase(Clone:PAT4M3AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT4M3AT.
<b>Application :</b>	ELISA,WB ,FACS
<b>Gene :</b>	PKM
<b>Gene ID :</b>	5315
<b>Uniprot ID :</b>	P14618
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Pyruvate kinase isozymes M1/M2,EC 2.7.1.40,Pyruvate kinase muscle isozyme,Pyruvate kinase 2/3,Cytosolic thyroid hormone-binding protein,CTHBP,THBP1,M2PK,PKM2,PK3,PK2,PKM,TCB,OIP3,MGC3932,Tumor Type M2 Pyruvate Kinase.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human PKM2 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human PKM2 amino acids 1-531 purified from E. coli.

#### Description

Pyruvate kinase is a key enzyme in the glycolytic pathway. The M2 isoenzyme of pyruvate kinase is specifically expressed at high levels in tumor cells, and can be measured in plasma of patients with advanced breast cancer. The marker is useful for measuring disease activity, sensitivity to chemotherapy and recurrence.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	PKM2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	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

PKM2 antibody has been tested by ELISA, Western blot and Immunofluorescence 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 and Immunofluorescence is 1:250 ~ 500. Recommended starting dilution is 1:250.