

For Research Use Only

PKM2-specific Monoclonal antibody, PBS Only

Catalog Number: 60268-1-PBS

Featured Product



Basic Information

Catalog Number:

60268-1-PBS

Size:

100ug, Concentration: 1mg/ml by
Nanodrop;

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_002654

GeneID (NCBI):

5315

UNIPROT ID:

P14618

Full Name:

PKM pyruvate kinase, muscle

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Protein G purification

CloneNo.:

1C11C7

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

Background Information

PKM, also named as OIP3, PK2, PK3, PKM, p58, THBP1, CTHBP and Tumor M2-PK, belongs to the pyruvate kinase family. It is glycolytic enzyme that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate (PEP) to ADP, generating ATP. It stimulates POU5F1-mediated transcriptional activation. PKM plays a general role in caspase independent cell death of tumor cells. PKM has 2 isoforms, the activity of the M2 isoform can be inhibited by tyrosine kinase signalling in tumour cells. The immunogen of this antibody is M2 isoform and this antibody is specific to PKM2 isoform.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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