

## PKM2-specific polyclonal antibody

Catalog: BS77862

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

58KDa

### Swiss-Prot:

P14618

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200

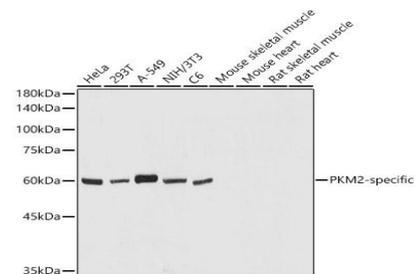
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

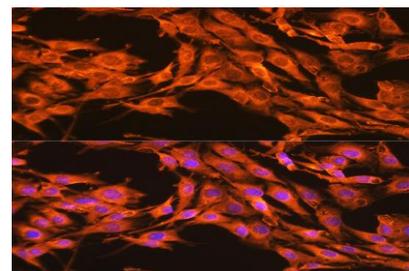
### Modification:

Unmodification

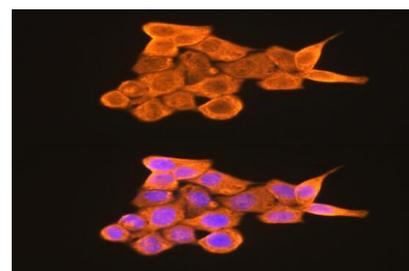
### DATA:



Western blot analysis of extracts of various cell lines, using PKM2-specific antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of C6 cells using PKM2-specific Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using PKM2-specific Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

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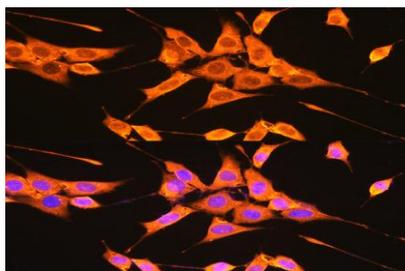
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Immunofluorescence analysis of NIH-3T3 cells using PKM2-specific Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

**Note:**

For research use only, not for use in diagnostic procedure.

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