



## PKM2 Polyclonal Antibody

Cat #: ABP52230

Size: 30µl /100µl /200µl

### Product Information

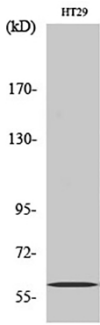
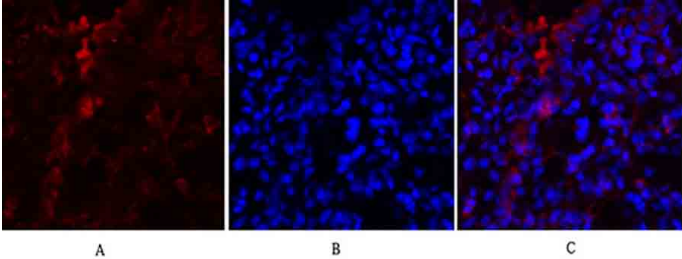
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|---|--|---|---|
|   | <b>Product Name:</b> PKM2 Polyclonal Antibody                        |   |   |
|   | <b>Applications:</b> WB, IF, IHC-P, ELISA                            |   | <b>Isotype:</b> Rabbit IgG                |
|   | <b>Reactivity:</b> Human, Mouse, Rat                                 |   |   |
| <b>REF</b>  | <b>Catalog Number:</b> ABP52230                                      | <b>LOT</b>  | <b>Lot Number:</b> Refer to product label |
|   | <b>Formulation:</b> Liquid   |   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles. |  | <b>Note:</b> Contain sodium azide.        |

**Background:** PKM encodes a protein involved in glycolysis. Pyruvate kinase, muscleprovided by is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. Pyruvate kinase, muscleprovided by has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. Pyruvate kinase, muscleprovided by 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 pyruvate kinase, muscleprovided by in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

|   |  |
|---|--|
|  | <p>Fig.1. Western Blot analysis of various cells using PKM2 Polyclonal Antibody diluted at 1:2000.</p>   |
|  | <p>Fig.2. Immunofluorescence analysis of rat lung tissue. 1, PKM2 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.</p> |

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.