# PKM2 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A303-659A
Lot No. A303-659A-1

Protein ID NP_002645.3
GeneID 5315

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| **APPLICATIONS** | WB, IP, IHC |
| **SPECIES REACTIVITY** | Human |
| **PRESUMED REACTIVITY** | Based on 100% sequence identity, this antibody is predicted to react with Orangutan |
| **AMOUNT** | 100 µl |
| **CONCENTRATION** | 1000 µg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8° C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Antibody was affinity purified using an epitope specific to PKM2 immobilized on solid support.<br><br>The epitope recognized by A303-659A maps to a region between residue 1 and 50 of human Pyruvate Kinase Isozymes M1/M2 using the numbering given in entry NP_002645.3 (GeneID 5315).<br><br>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. |
| **APPLICATIONS** | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |

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| Western Blot | 1:2,000 - 1:10,000 |
| Immunoprecipitation | 2 - 10 µg/mg lysate |
| Immunohistochemistry | 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |

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| **APPLICATION NOTES** | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE<br><br>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. |
| **IHC HUMAN CONTROLS** | Linitis Plastica Stomach Cancer, Osteosarcoma |
| **ADDITIONAL INFO** | Please visit our website for additional product information. |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer
Date: June 21, 2019



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