

## PKM2(Phospho-Ser37) Antibody

Catalog No: #12822

Package Size: #12822-1 50ul #12822-2 100ul

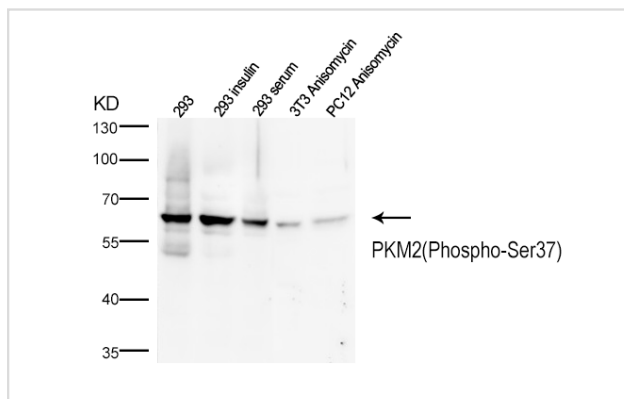
## Description

|                       |                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PKM2(Phospho-Ser37) Antibody                                                                                                                                                                                                                                   |
| Host Species          | Rabbit                                                                                                                                                                                                                                                         |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                     |
| Purification          | Affinity purification using immunogen.                                                                                                                                                                                                                         |
| Applications          | WB                                                                                                                                                                                                                                                             |
| Species Reactivity    | Hu Ms                                                                                                                                                                                                                                                          |
| Specificity           | PKM2(phospho-Ser37)<br>Antibody detects endogenous levels of PKM2<br>only when phosphorylated at Ser37                                                                                                                                                         |
| Immunogen Type        | Peptide                                                                                                                                                                                                                                                        |
| Immunogen Description | Synthesized peptide derived from human PKM2 around the phosphorylation site of Ser37.                                                                                                                                                                          |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                   |
| Target Name           | PKM2(Phospho-Ser37)                                                                                                                                                                                                                                            |
| Modification          | Phospho                                                                                                                                                                                                                                                        |
| Other Names           | PKM, p58, PK3, PKM2, Pyruvate Kinase, Pyruvate kinase 2/3, Pyruvate kinase, m1, Pyruvate kinase, muscle, TCB, Tumor M2-PK, OIP-3, OIP3, Opa-interacting protein 3, CTHBP, PK, muscle type, PK2, Pyruvate kinase isozymes M1/M2, Pyruvate kinase muscle iso ... |
| Accession No.         | Swiss-Prot#: P14618NCBI Gene ID: 5315                                                                                                                                                                                                                          |
| Target Species        | human                                                                                                                                                                                                                                                          |
| Calculated MW         | 58 kDa                                                                                                                                                                                                                                                         |
| Concentration         | 1.0mg/mL                                                                                                                                                                                                                                                       |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                             |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                 |

## Application Details

Western blotting: 1:1000-3000

## Images



Western blot analysis of extracts of various cell lines, using PKM2(Phospho-Ser37)

## Published Papers

el at., COPI-Mediated Nuclear Translocation of EGFRvIII Promotes STAT3 Phosphorylation and PKM2 Nuclear Localization. In Int J Biol Sci on 2019 Jan 1 by Zhang M, Sun H, et al..PMID:30662352, , (2019)

[PMID:30662352](#)

el at., Coordinate Modulation of Glycolytic Enzymes and OXPHOS by Imatinib In BCR-ABL Driven Chronic Myelogenous Leukemia Cells. In Int J Mol Sci on 2019 Jun 27 by De Rosa V, Monti M, et al..PMID:31252559, , (2019)

[PMID:31252559](#)

el at., Oncogenic TRIB2 interacts with and regulates PKM2 to promote aerobic glycolysis and lung cancer cell procession. In Cell Death Discov on 2022 Jul 5 by Yuan-Rong Liu, Dan-Dan Song, et al..PMID:35790734, , (2022)

[PMID:35790734](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.