

Datasheet for ABIN7602374

anti-Phosphoglucomutase 2 antibody (AA 72-520)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Phosphoglucomutase 2 (PGM2)
Binding Specificity:	AA 72-520
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PGM2 Antibody Picoband®
Immunogen:	E.coli-derived human PGM2 recombinant protein (Position: R72-D520). Human PGM2 shares 92.7% amino acid (aa) sequence identity with mouse PGM2.
Characteristics:	Anti-PGM2 Antibody Picoband® (ABIN7602374). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Phosphoglucomutase 2 (PGM2)
Alternative Name:	PGM2 (PGM2 Products)
Background:	Phosphoglucomutase-2 is an enzyme that in humans is encoded by the PGM2 gene.
Molecular Weight:	75 kDa
Gene ID:	55276
UniProt:	Q96G03
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Francke, U., Brown, S. Regional assignment of genes for phosphoglucomutase-2 and peptidase S to 4pter-4q21 in man. Cytogenet. Cell Genet. 22: 401-405, 1978. 2. Hopkinson, D. A., Harris, H. Evidence for a second 'structural' locus determining human phosphoglucomutase. Nature 208: 410-412, 1965. 3. Maliekal, P., Sokolova, T., Vertommen, D., Veiga-da-Cunha, M., Van Schaftingen, E. Molecular identification of mammalian phosphopentomutase and glucose-1,6-bisphosphate synthase, two members of the alpha-D-phosphohexomutase family. J. Biol. Chem. 282: 31844-31851, 2007.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.