Datasheet for ABIN7601712

anti-PGAM1 antibody (AA 43-254)

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Overview

Quantity:	100 µg
Target:	PGAM1
Binding Specificity:	AA 43-254
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGAM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PGAM1 Antibody Picoband®
Immunogen:	E.coli-derived human PGAM1 recombinant protein (Position: Q43-K254).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PGAM1 Antibody Picoband® (ABIN7601712). Tested in ELISA, Flow Cytometry, IF, ICC, WB 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:	PGAM1
Alternative Name:	PGAM1 (PGAM1 Products)
Background:	Synonyms: Integrin alpha-L,CD11 antigen-like family member A,Leukocyte adhesion glycoprotein LFA-1 alpha chain,LFA-1A,Leukocyte function-associated molecule 1 alpha chain,CD11a,ITGAL,CD11A, Tissue Specificity: Leukocytes. Background: The protein encoded by this gene is a mutase that catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	29 kDa
Gene ID:	5223
UniProt:	P18669
Pathways:	Regulation of Carbohydrate 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. Charles, D. J., Pretsch, W. Linear dose-response relationship of erythrocyte enzyme-activity mutations in offspring of ethylnitrosourea-treated mice. Mutat. Res. 176: 81-91, 1987. 2. Chen, S.-H., Anderson, J., Giblett, E. R., Lewis, M. Phosphoglyceric acid mutase: rare genetic variants and tissue distribution. Am. J. Hum. Genet. 26: 73-77, 1974. 3. Chen, S.-H., Anderson, J. E., Giblett, E. R. Human red cell 2,3-diphosphogl ycerate mutase and monophosphoglycerate mutase: genetic evidence for two separate loci. Am. J. Hum. Genet. 29: 405-407, 1977.
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

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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.