

# Product Datasheet

## PGAM1 Antibody (2G1-A6) - Azide and BSA Free H00005223-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005223-M01**

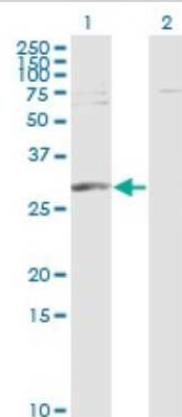
PGAM1 Antibody (2G1-A6) - Azide and BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 2G1-A6  |
| Preservative                | No Preservative   |
| Isotype                     | IgG1 Kappa  |
| Purity                      | IgG purified  |
| Buffer                      | In 1x PBS, pH 7.4   |
| Product Description         |   |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| Host                        | Mouse   |
| Gene ID                     | 5223  |
| Gene Symbol                 | PGAM1   |
| Species                     | Human   |
| Specificity/Sensitivity     | PGAM1 - phosphoglycerate mutase 1 (brain)   |
| Immunogen                   | PGAM1 (AAH11678.1, 1 a.a. ~ 254 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEF<br>DICFTSVQKRAIRTLWTVLDAIDQMWLPPVVRTWRLNERHYGGTLGLNKAETAA<br>KHGEAQVKIWRRSYDVPPPPMEPDHPFYNSISKDRRYADLTEDQLPSCESLKD<br>TIARALPFWNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMELNLPTGI<br>PIVYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGKAKK |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Application Notes           | Antibody reactivity against cell lysate for WB. It has been used for ELISA.   |

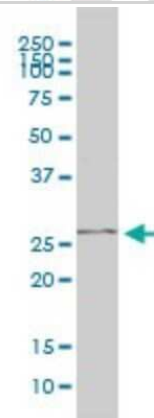


## Images

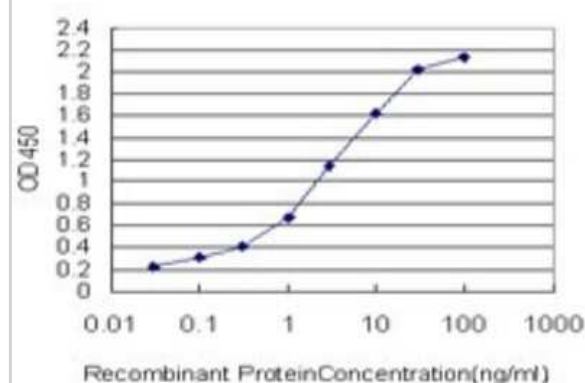
Western Blot: PGAM1 Antibody (2G1-A6) [H00005223-M01] - Analysis of PGAM1 expression in transfected 293T cell line by PGAM1 monoclonal antibody (M01), clone 2G1-A6. Lane 1: PGAM1 transfected lysate (Predicted MW: 28.8 KDa). Lane 2: Non-transfected lysate.



Western Blot: PGAM1 Antibody (2G1-A6) [H00005223-M01] - PGAM1 monoclonal antibody (M01), clone 2G1-A6 Analysis of PGAM1 expression in Jurkat.



ELISA: PGAM1 Antibody (2G1-A6) [H00005223-M01] - Detection limit for recombinant GST tagged PGAM1 is approximately 0.03ng/ml as a capture antibody.



## Publications

Shen J, Wang W, Wu J et al. Comparative Proteomic Profiling of Human Bile Reveals SSP411 as a Novel Biomarker of Cholangiocarcinoma. PLoS One. 2012-10-31 [PMID: 23118872]

Kimura A, Sakurai T, Koumura A et al. High prevalence of autoantibodies against phosphoglycerate mutase 1 in patients with autoimmune central nervous system diseases. J Neuroimmunol 2009-12-05 [PMID: 19969379]



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### **Products Related to H00005223-M01**

|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP1-49532PEP    | PGAM1 Antibody Blocking Peptide                         |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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