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PGAM1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PGAM1.
Catalog # AT3277a

Specification

PGAM1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	P18669
Other Accession	BC011678
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**28804**

PGAM1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 5223

Other Names
Phosphoglycerate mutase 1, BPG-dependent PGAM 1, Phosphoglycerate mutase isozyme B, PGAM-B, PGAM1, PGAMA

Target/Specificity
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.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
PGAM1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PGAM1 Antibody (monoclonal) (M01) - Protocols

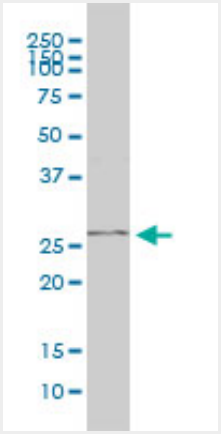
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

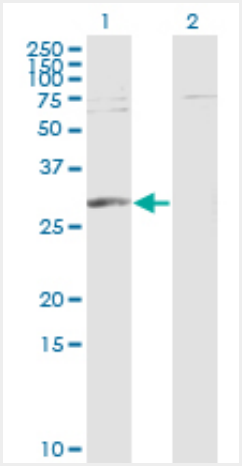
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PGAM1 Antibody (monoclonal) (M01) - Images



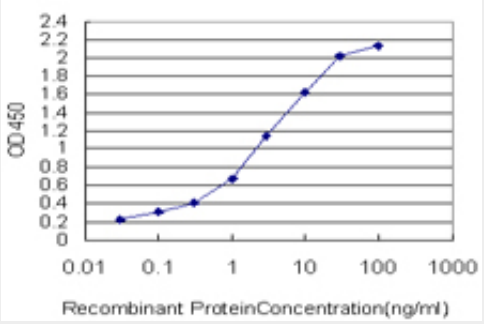
PGAM1 monoclonal antibody (M01), clone 2G1-A6 Western Blot analysis of PGAM1 expression in Jurkat (Cat # L017V1).



Western Blot 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.

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Detection limit for recombinant GST tagged PGAM1 is approximately 0.03ng/ml as a capture antibody.

PGAM1 Antibody (monoclonal) (M01) - References

1.Comparative Proteomic Profiling of Human Bile Reveals SSP411 as a Novel Biomarker of Cholangiocarcinoma.Shen J, Wang W, Wu J, Feng B, Chen W, Wang M, Tang J, Wang F, Cheng F, Pu L, Tang Q, Wang X, Li X.PLoS One. 2012;7(10):e47476. doi: 10.1371/journal.pone.0047476. Epub 2012 Oct 31.2.High prevalence of autoantibodies against phosphoglycerate mutase 1 in patients with autoimmune central nervous system diseases.Kimura A, Sakurai T, Koumura A, Yamada M, Hayashi Y, Tanaka Y, Hozumi I, Tanaka R, Takemura M, Seishima M, Inuzuka T.J Neuroimmunol. 2009 Dec 5. [Epub ahead of print]