10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PGM2 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant PGM2.
Catalog # AT3283a

Specification

PGM2 Antibody (monoclonal) (M05) - Product Information

Application	**WB, E**
Primary Accession	Q96G03
Other Accession	NM_018290
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**68283**

PGM2 Antibody (monoclonal) (M05) - Additional Information

Gene ID 55276

Other Names
Phosphoglucomutase-2, PGM 2, Glucose phosphomutase 2, Phosphodeoxyribomutase, Phosphopentomutase, PGM2

Target/Specificity
PGM2 (NP_060760, 1 a.a. ~ 91 a.a) partial 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
PGM2 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

PGM2 Antibody (monoclonal) (M05) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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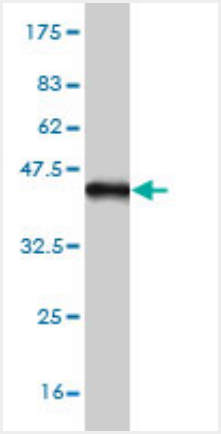
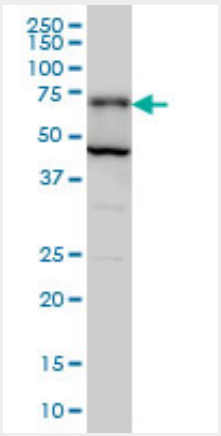
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

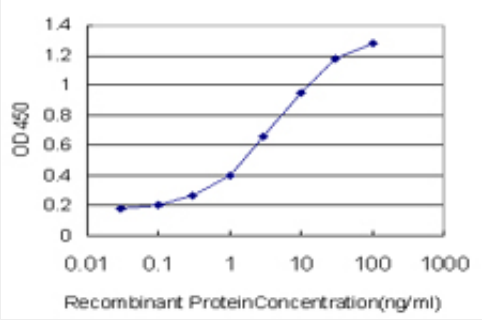
PGM2 Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.01 KDa) .



PGM2 monoclonal antibody (M05), clone 1A3 Western Blot analysis of PGM2 expression in Hela S3 NE ((Cat # AT3283a)



Detection limit for recombinant GST tagged PGM2 is approximately 0.03ng/ml as a capture antibody.

PGM2 Antibody (monoclonal) (M05) - References

Molecular identification of mammalian phosphopentomutase and glucose-1,6-bisphosphate synthase, two members of the alpha-D-phosphohexomutase family. Maliekal P, et al. J Biol Chem, 2007 Nov 2. PMID 17804405.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Sequence comparison of human and mouse genes reveals a homologous block structure in the promoter regions. Suzuki Y, et al. Genome Res, 2004 Sep. PMID 15342556.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Exploring proteomes and analyzing protein processing by mass spectrometric identification of sorted N-terminal peptides. Gevaert K, et al. Nat Biotechnol, 2003 May. PMID 12665801.