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PGM2 Antibody (monoclonal) (M05)

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

Product Information

Application	WB, E
Primary Accession	Q96G03
Other Accession	NM_018290
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1A3
Calculated MW	68283

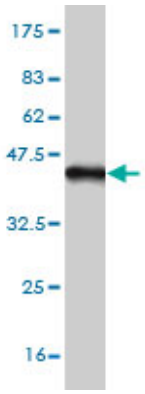
Additional Information

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 E~~N/A
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.

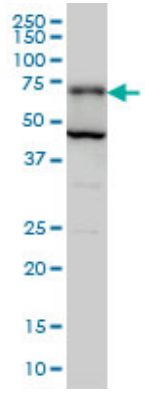
References

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.

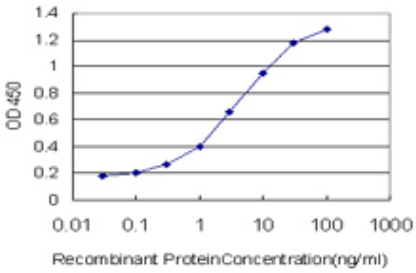
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.