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PGM3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PGM3.
Catalog # AT3284a

Product Information

Application	WB, IHC, IP, E
Primary Accession	O95394
Other Accession	BC001258
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1E2-1B12
Calculated MW	59852

Additional Information

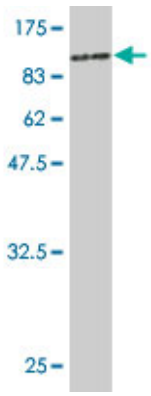
Gene ID	5238
Other Names	Phosphoacetylglucosamine mutase, PAGM, Acetylglucosamine phosphomutase, N-acetylglucosamine-phosphate mutase, Phosphoglucomutase-3 {ECO:0000312|HGNC:HGNC:8907}, PGM 3, PGM3 (HGNC:8907)
Target/Specificity	PGM3 (AAH01258, 1 a.a. ~ 542 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IP~~N/A 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	PGM3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

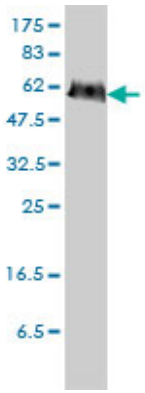
Polymorphic analysis of the human phosphoglucomutase-3 gene based on mismatched PCR-RFLP technique. Pang H, et al. Biochem Genet, 2010 Apr. PMID 20221814.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.The DNA sequence and analysis of human chromosome 6. Mungall AJ, et al. Nature, 2003 Oct 23. PMID 14574404.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID

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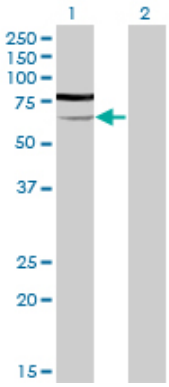
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (85.36 KDa) .

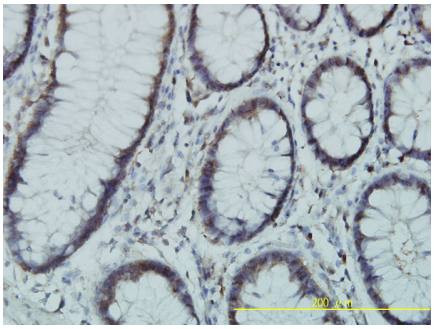


PGM3 monoclonal antibody (M01), clone 1E2-1B12
Western Blot analysis of PGM3 expression in HeLa ((Cat # AT3284a)



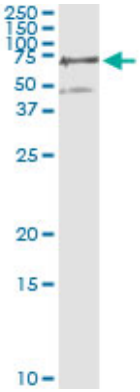
Western Blot analysis of PGM3 expression in transfected 293T cell line by PGM3 monoclonal antibody (M01), clone 1E2-1B12.

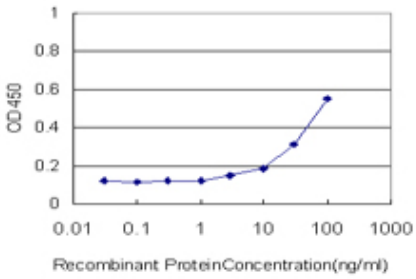
Lane 1: PGM3 transfected lysate(59.9 KDa).
Lane 2: Non-transfected lysate.



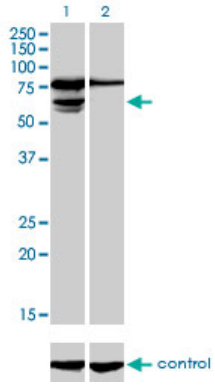
Immunoperoxidase of monoclonal antibody to PGM3 on formalin-fixed paraffin-embedded human colon tissue. [antibody concentration 2 ug/ml]

Immunoprecipitation of PGM3 transfected lysate using anti-PGM3 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with PGM3 MaxPab rabbit polyclonal antibody.





Detection limit for recombinant GST tagged PGM3 is approximately 3ng/ml as a capture antibody.



Western blot analysis of PGM3 over-expressed 293 cell line, cotransfected with PGM3 Validated Chimera RNAi ((Cat # AT3284a)

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