

Product Datasheet

PGM1 Antibody (3B8-H4) - Azide and BSA Free H00005236-M01

Unit Size: 0.1 mg

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

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H00005236-M01

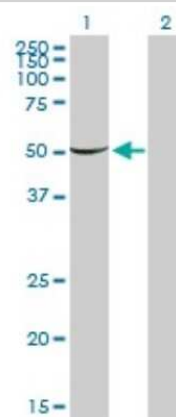
PGM1 Antibody (3B8-H4) - Azide and BSA Free

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	3B8-H4
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	5236
Gene Symbol	PGM1
Species	Human, Bovine
Specificity/Sensitivity	PGM1 - phosphoglucomutase 1
Immunogen	PGM1 (AAH19920, 1 a.a. ~ 562 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MVKIVTVKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQE ATLVVGGDGRFYMKEAIQLIARIAAANGIGRLVIGQNGILSTPAVSCIIRKIKAIIGGI ILTASHNPGGPNNGDFGIKFNISNGGPAPEAITDKIFQISKIIEEYAVCPDLKVDLG VLGKQQFDLENKFKPFTVEIVDSVEAYATMLRSIFDFSALKELLSGPNRLKIRIDA MHGVVGPYPVKILCEELGAPANSVNCVPLEDFGGHHPDPNLTYAADLVETMK SGHEHDFGAAFDGDGDRNMILGKHGFFVNPSPDSVAVIAANIFSIPYFQQTGVRGF ARSMPTSGALDRVASATKIALYETPTGWKFFGNLMDASKLSLCGEESFGTGSD HIREKDGLWAVLAWLSILATRKQSVEDILKDHQWQYGRNFFTRYDYEEVEAEG ANKMMKDLEALMFDRSFVGKQFSANDKVYTVEKADNFEYSDPVDGSISRNQG LRLIFTDGSRIVFRLSGTGSAGATIRLYIDSYEKDVAKINQDPQVMLAPLISIALKV SQLQERTGRTAPTIVIT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Sandwich ELISA 1:100-1:2000, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

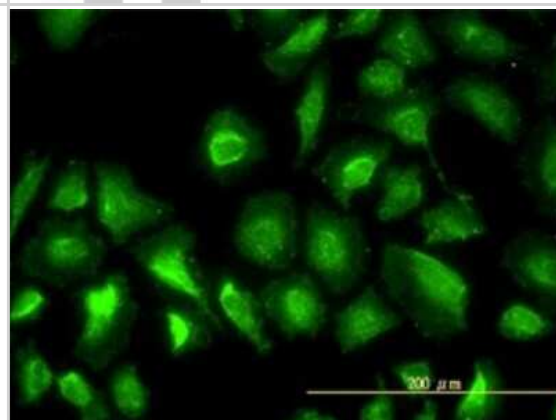


Images

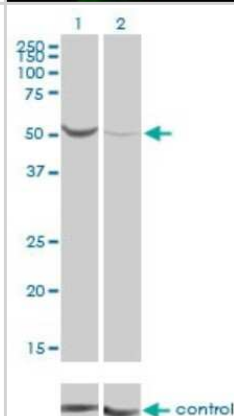
Western Blot: PGM1 Antibody (3B8-H4) [H00005236-M01] - Analysis of PGM1 expression in transfected 293T cell line by PGM1 monoclonal antibody (M01), clone 3B8-H4. Lane 1: PGM1 transfected lysate(61.4 KDa). Lane 2: Non-transfected lysate.



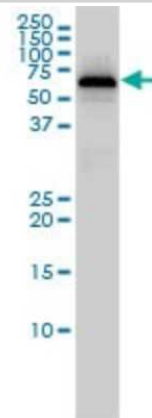
Immunocytochemistry/Immunofluorescence: PGM1 Antibody (3B8-H4) [H00005236-M01] - Analysis of monoclonal antibody to PGM1 on HeLa cell. Antibody concentration 20 ug/ml.



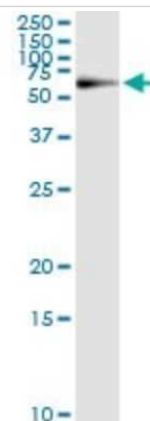
Western Blot: PGM1 Antibody (3B8-H4) [H00005236-M01] - Analysis of PGM1 over-expressed 293 cell line, cotransfected with PGM1 Validated Chimera RNAi (Cat # H00005236-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PGM1 monoclonal antibody (M01), clone 3B8-H4 (Cat # H00005236-M01). GAPDH (36.1 kDa) used as specificity and loading control.



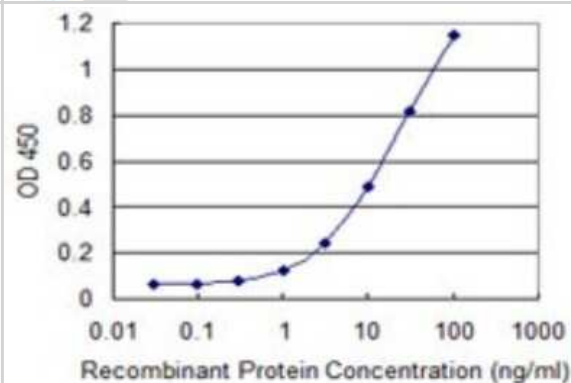
Western Blot: PGM1 Antibody (3B8-H4) [H00005236-M01] - PGM1 monoclonal antibody (M01), clone 3B8-H4 Analysis of PGM1 expression in Jurkat.



Immunoprecipitation: PGM1 Antibody (3B8-H4) [H00005236-M01] - Analysis of PGM1 transfected lysate using anti-PGM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PGM1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: PGM1 Antibody (3B8-H4) [H00005236-M01] - Detection limit for recombinant GST tagged PGM1 is 0.3 ng/ml as a capture antibody.



Publications

Yu Q, Wu W, Tian X et al. Unraveling proteome changes of Holstein beef M. semitendinosus and its relationship to meat discoloration during post-mortem storage analyzed by label-free mass spectrometry. J Proteomics 2016-12-28 [PMID: 28039026]

Guillemin N, Bonnet M, Jurie C et al. Functional analysis of beef tenderness. J Proteomics 2011-08-09 [PMID: 21855665]



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Products Related to H00005236-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)
NBP2-52160-0.1mg	Recombinant Human PGM1 His Protein

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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