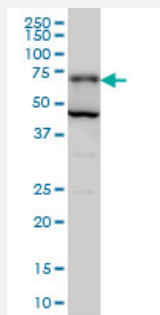


PGM2 monoclonal antibody (M05), clone 1A3

Catalog # H00055276-M05

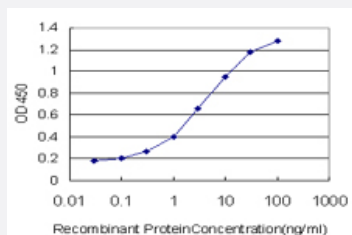
Size 100 ug

Applications



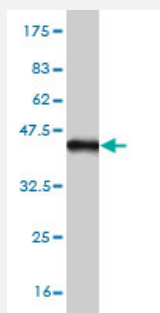
Western Blot (Cell lysate)

PGM2 monoclonal antibody (M05), clone 1A3 Western Blot analysis of PGM2 expression in HeLa S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PGM2.

Immunogen	PGM2 (AAH10087.1, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAPEGSGLGEDARLDQETAQWLRWDKNSLTLEAVKRLIAEGNKEELRKCFGARMEFGTAGLR AAMGPGISRMNDLTIIQTTQGFCRYLE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PGM2 monoclonal antibody (M05), clone 1A3 Western Blot analysis of PGM2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — PGM2

Entrez GeneID [55276](#)

GeneBank Accession#	BC010087.2
Protein Accession#	AAH10087.1
Gene Name	PGM2
Gene Alias	FLJ10983, MSTP006
Gene Description	phosphoglucomutase 2
Omim ID	172000
Gene Ontology	Hyperlink
Other Designations	phosphopentomutase

Publication Reference

- [The functional landscape of Hsp27 reveals new cellular processes such as DNA repair and alternative splicing and proposes novel anticancer targets.](#)

Katsogiannou M, Andrieu C, Baylot V, Baudot A, Dusetti NJ, Gayet O, Finetti P, Garrido C, Birnbaum D, Bertucci F, Brun C, Rocchi P.

Molecular & Cellular Proteomics 2014 Dec; 13(12):3585.

Application: WB-Ce, Human, PC-3 cells

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Galactose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)
- [Starch and sucrose metabolism](#)
- [Streptomycin biosynthesis](#)