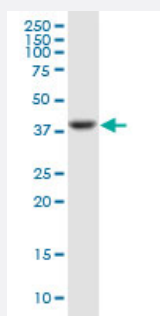


PTX3 monoclonal antibody (M02), clone 2B10

Catalog # H00005806-M02

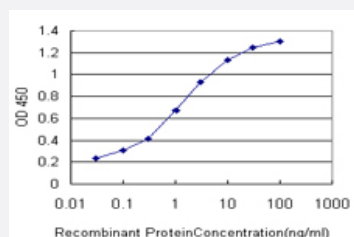
Size 100 ug

Applications



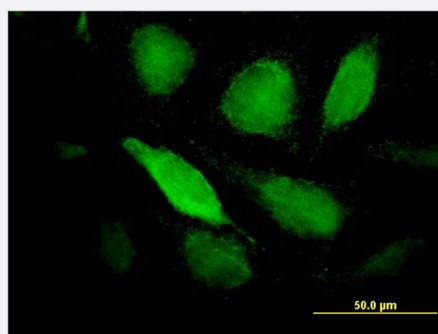
Western Blot (Cell lysate)

PTX3 monoclonal antibody (M02), clone 2B10. Western Blot analysis of PTX3 expression in U-2 OS.



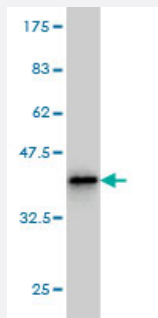
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTX3 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PTX3 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PTX3.
Immunogen	PTX3 (NP_002843, 282 a.a. ~ 380 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SLWVNGELAATTVEMATGHVPEGGILQIGQEKNCCVGGGFDETLAFSGRLTGFNWDSVLSNE EIRETGGAESCHIRGNVWGWVTEIQPHGGAQYV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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)

PTX3 monoclonal antibody (M02), clone 2B10. Western Blot analysis of PTX3 expression in U-2 OS.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTX3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PTX3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PTX3

Entrez GeneID [5806](#)

GeneBank Accession# [NM_002852](#)

Protein Accession# [NP_002843](#)

Gene Name PTX3

Gene Alias TNFAIP5, TSG-14

Gene Description pentraxin-related gene, rapidly induced by IL-1 beta

Omim ID [602492](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations pentraxin-related gene, rapidly induced by IL-1 beta, tumor necrosis factor, alpha-induced protein 5|pentraxin-related protein PTX3|pentraxin 3|pentraxin-3|tumor necrosis factor-inducible protein TSG-14

Publication Reference

- [EGCG, a green tea catechin, attenuates the progression of heart failure induced by the heart/muscle-specific deletion of MnSOD in mice.](#)

Oyama JI, Shiraki A, Nishikido T, Maeda T, Komoda H, Shimizu T, Makino N, Node K.

Journal of Cardiology 2017 Feb; 69(2):417.

Application: WB-Ti, Mouse, Heart

- [Repetitive hyperthermia attenuates progression of left ventricular hypertrophy and increases telomerase activity in hypertensive rats.](#)

Oyama J, Maeda T, Sasaki M, Higuchi Y, Node K, Makino N.

American Journal of Physiology. Heart and Circulatory Physiology 2012 May; 302(10):H2092.

Application: WB-Ti, Rat, Rat hearts

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphadenitis](#)
- [Mycobacterium Infections](#)
- [Periodontitis](#)
- [Tuberculosis](#)