10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PWP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PWP1.
Catalog # AT3503a

Specification

PWP1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IF, E**
Primary Accession	Q13610
Other Accession	BC001652
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**55828**

PWP1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 11137

Other Names
Periodic tryptophan protein 1 homolog, Keratinocyte protein IEF SSP 9502, PWP1

Target/Specificity
PWP1 (AAH01652, 1 a.a. ~ 501 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
IF~~1:50~200
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
PWP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PWP1 Antibody (monoclonal) (M01) - Protocols

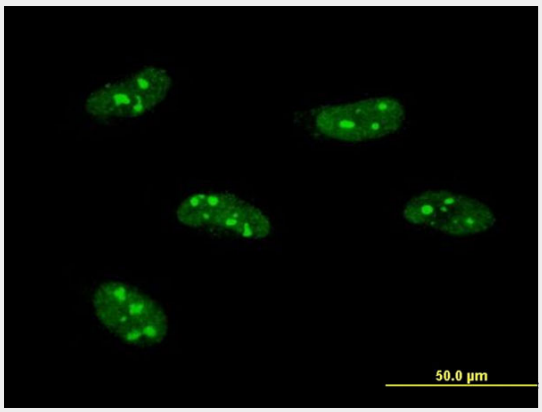
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

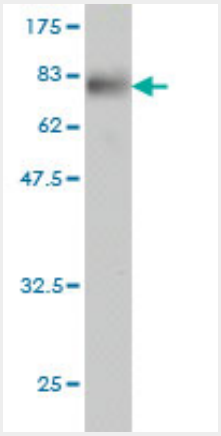
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

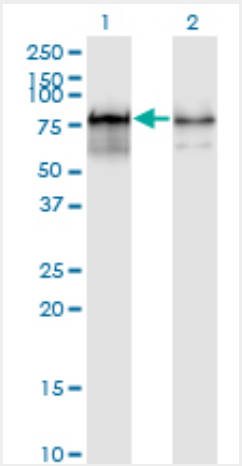
PWP1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to PWP1 on HeLa cell . [antibody concentration 10 ug/ml]



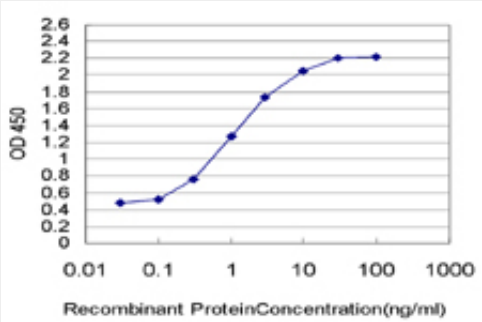
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (80.85 KDa) .



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Western Blot analysis of PWP1 expression in transfected 293T cell line by PWP1 monoclonal antibody (M01), clone 3A11.

Lane 1: PWP1 transfected lysate (Predicted MW: 55.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged PWP1 is approximately 0.03ng/ml as a capture antibody.

PWP1 Antibody (monoclonal) (M01) - References

Identification and characterization of endonuclein binding proteins: evidence of modulatory effects on signal transduction and chaperone activity. Ludvigsen M, et al. BMC Biochem, 2009 Dec 22. PMID 20028516.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.Phosphoproteome analysis of the human mitotic spindle. Nousiainen M, et al. Proc Natl Acad Sci U S A, 2006 Apr 4. PMID 16565220.High-throughput mapping of a dynamic signaling network in mammalian cells. Barrios-Rodiles M, et al. Science, 2005 Mar 11. PMID 15761153.Large-scale characterization of HeLa cell nuclear phosphoproteins. Beausoleil SA, et al. Proc Natl Acad Sci U S A, 2004 Aug 17. PMID 15302935.