

## SFPQ Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SFPQ.

Catalog # AT3842a

### Specification

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#### SFPQ Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	<a href="#">P23246</a>
Other Accession	<a href="#">NM_005066</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	76149

#### SFPQ Antibody (monoclonal) (M01) - Additional Information

Gene ID 6421

##### Other Names

Splicing factor, proline- and glutamine-rich, 100 kDa DNA-pairing protein, hPOMP100, DNA-binding p52/p100 complex, 100 kDa subunit, Polypyrimidine tract-binding protein-associated-splicing factor, PSF, PTB-associated-splicing factor, SFPQ, PSF

##### Target/Specificity

SFPQ (NP\_005057, 269 a.a. ~ 361 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

##### Dilution

WB ~ 1:500 ~ 1000

##### 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

SFPQ Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

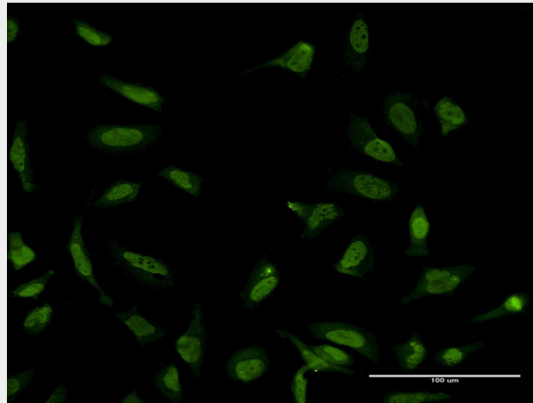
#### SFPQ Antibody (monoclonal) (M01) - Protocols

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

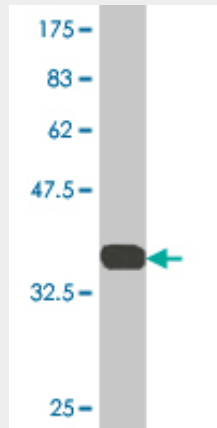
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

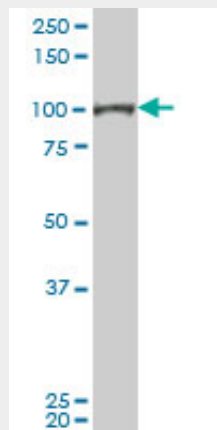
### SFPQ Antibody (monoclonal) (M01) - Images



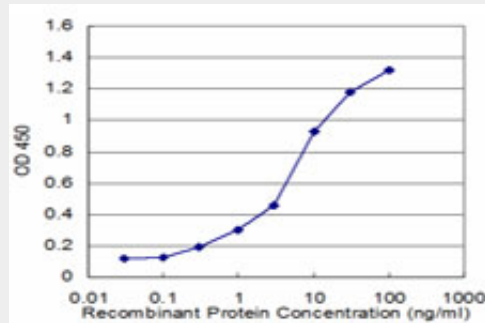
Immunofluorescence of monoclonal antibody to SFPQ on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.97 KDa) .



SFPQ monoclonal antibody (M01), clone 3B10. Western Blot analysis of SFPQ expression in Hela S3 NE ( (Cat # AT3842a )



Detection limit for recombinant GST tagged SFPQ is approximately 0.3ng/ml as a capture antibody.

### **SFPQ Antibody (monoclonal) (M01) - References**

hnRNP M interacts with PSF and p54(nrb) and co-localizes within defined nuclear structures. Marko M, et al. *Exp Cell Res*, 2010 Feb 1. PMID 19874820. Identification and characterisation of a novel GHR defect disrupting the polypyrimidine tract and resulting in GH insensitivity. David A, et al. *Eur J Endocrinol*, 2010 Jan. PMID 19812236. Melanotic Xp11 translocation renal cancer: a case with PSF-TFE3 gene fusion and up-regulation of melanogenetic transcripts. Chang IW, et al. *Am J Surg Pathol*, 2009 Dec. PMID 19809274. Human PSF binds to RAD51 and modulates its homologous-pairing and strand-exchange activities. Morozumi Y, et al. *Nucleic Acids Res*, 2009 Jul. PMID 19447914. Interplay between polypyrimidine tract binding protein-associated splicing factor and human myometrial progesterone receptors. Tyson-Capper AJ, et al. *J Mol Endocrinol*, 2009 Jul. PMID 19339282.