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SFPQ Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SFPQ.
Catalog # AT3842a

Specification

SFPQ Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	P23246
Other Accession	NM_005066
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

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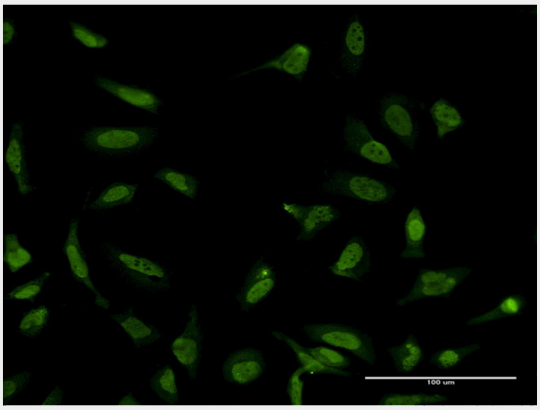
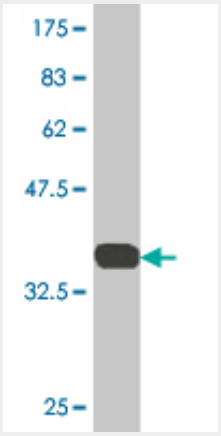
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

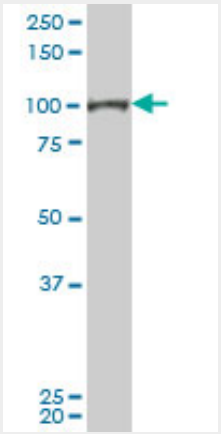
SFPQ Antibody (monoclonal) (M01) - Images



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) .



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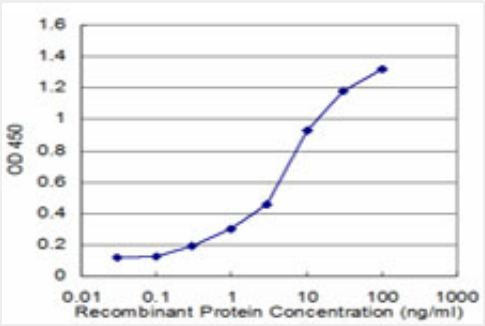
SFPQ monoclonal antibody (M01), clone 3B10. Western Blot analysis of SFPQ expression in Hela S3 NE ((Cat # AT3842a)



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.