

PRPF19 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant PRPF19.

Catalog # AT3441a

Specification

PRPF19 Antibody (monoclonal) (M07) - Product Information

Application	IF, WB, E
Primary Accession	Q9JMS4
Other Accession	NM_014502
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	55181

PRPF19 Antibody (monoclonal) (M07) - Additional Information

Gene ID 27339

Other Names

Pre-mRNA-processing factor 19, 632-, Nuclear matrix protein 200, PRP19/PSO4 homolog, hPso4, Senescence evasion factor, PRPF19 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17896)
target="_blank">HGNC:17896)

Target/Specificity

PRPF19 (NP_055317, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

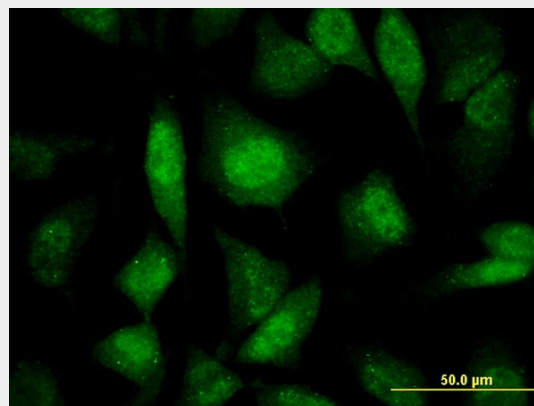
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

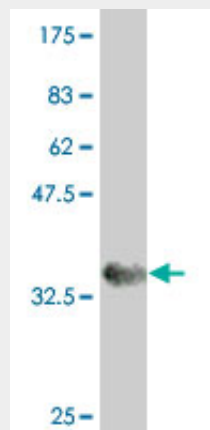
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PRPF19 Antibody (monoclonal) (M07) is for research use only and not for use in



Immunofluorescence of monoclonal antibody to PRPF19 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .

diagnostic or therapeutic procedures.

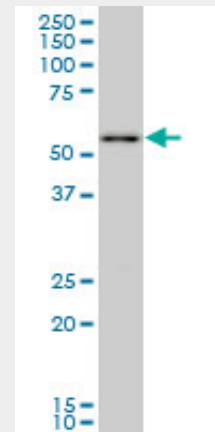
PRPF19 Antibody (monoclonal) (M07) - Protocols

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

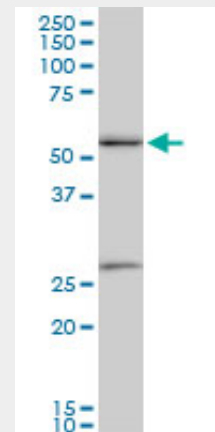
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



PRPF19 monoclonal antibody (M07), clone 2E5. Western Blot analysis of PRPF19 expression in PC-12((Cat # AT3441a)



PRPF19 monoclonal antibody (M07), clone 2E5. Western Blot analysis of PRPF19 expression in HeLa S3 NE ((Cat # AT3441a)

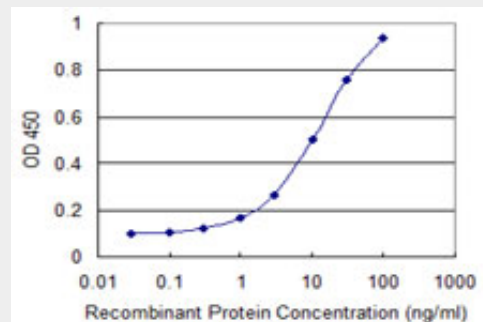


PRPF19 monoclonal antibody (M07), clone 2E5. Western Blot analysis of PRPF19 expression in NIH/3T3((Cat # AT3441a)



Western Blot analysis of PRPF19 expression in transfected 293T cell line by PRPF19 monoclonal antibody (M07), clone 2E5.

Lane 1: PRPF19 transfected lysate(55.2 KDa).
 Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged PRPF19 is 0.3 ng/ml as a capture antibody.

PRPF19 Antibody (monoclonal) (M07) - Background

PSO4 is the human homolog of yeast Pso4, a gene essential for cell survival and DNA repair (Beck et al., 2008 [PubMed 18263876]).

PRPF19 Antibody (monoclonal) (M07) - References

Regulation of Metnase's TIR binding activity by its binding partner, Pso4. Beck BD, et al. Arch Biochem Biophys, 2010 Jun 15. PMID 20416268. Molecular architecture of the human Prp19/CDC5L complex. Grote M, et al. Mol Cell Biol, 2010 May. PMID 20176811. Blom7alpha is a novel heterogeneous nuclear ribonucleoprotein K homology domain protein involved in pre-mRNA splicing that interacts

with SNEVPrp19-Pso4. Grillari J, et al. J Biol Chem, 2009 Oct 16. PMID 19641227. Human Pso4 is a metnase (SETMAR)-binding partner that regulates metnase function in DNA repair. Beck BD, et al. J Biol Chem, 2008 Apr 4. PMID 18263876. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.