

For Research Use Only

MMS19 Monoclonal antibody, PBS Only



Catalog Number: 66049-1-PBS

Featured Product

Basic Information

Catalog Number:

66049-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8960

GenBank Accession Number:

BC006575

GeneID (NCBI):

64210

UNIPROT ID:

Q96T76

Full Name:

MMS19 nucleotide excision repair homolog (S. cerevisiae)

Calculated MW:

1030 aa, 113 kDa

Observed MW:

103 kDa, 38 kDa

Purification Method:

Protein A purification

CloneNo.:

2H6D8

Applications

Tested Applications:

WB, IP, IF, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

MMS19 (MMS19 nucleotide excision repair homolog), also known as MET18, is a 1,030 amino acid nuclear protein containing seven HEAT repeats that belongs to the MET18/MMS19 family. Via its interactions with TFIIH p80 and TFIIH p89 helicases, MMS19 plays a role in nucleotide excision repair (NER) and RNA polymerase II (Pol II) transcription. MMS19 may also function as a transcriptional coactivator of estrogen receptor. While ubiquitously expressed, highest levels of MMS19 have been found in testis. At least five distinct MMS19 protein isoforms exist, which are produced by alternative splicing events.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

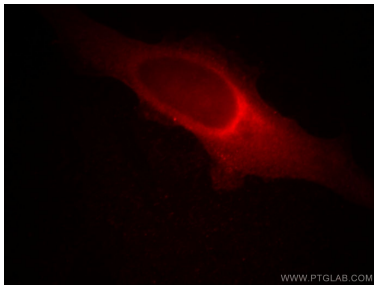
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

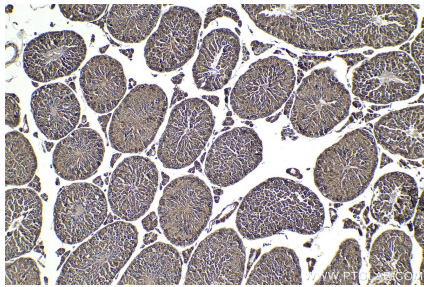
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

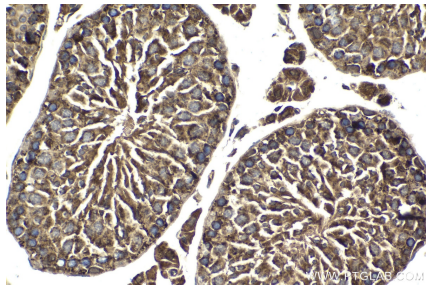
Selected Validation Data



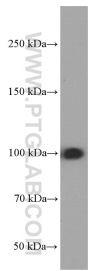
Immunofluorescent analysis of fixed HeLa cells using 66049-1-Ig (MMS19 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG. This data was developed using the same antibody clone with 66049-1-PBS in a different storage buffer formulation.



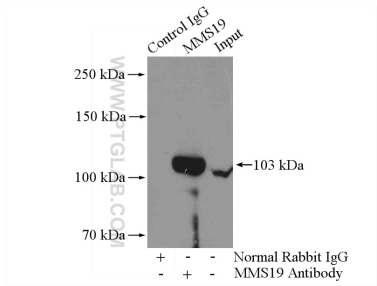
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66049-1-Ig (MMS19 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66049-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66049-1-Ig (MMS19 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66049-1-PBS in a different storage buffer formulation.



HeLa cells were subjected to SDS PAGE followed by western blot with 66049-1-Ig (MMS19 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66049-1-PBS in a different storage buffer formulation.



IP result of anti-MMS19 (IP:66049-1-Ig, 4ug; Detection:66049-1-Ig 1:2000) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 66049-1-PBS in a different storage buffer formulation.