




Product datasheet

Anti-MMS19 antibody ab188156

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Overview

Product name	Anti-MMS19 antibody
Description	Rabbit polyclonal to MMS19
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment corresponding to Human MMS19 aa 650-800. Database link: Q96T76  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human testis tissue. WB: RT4 and U-251 MG sp cell lysates. ICC/IF: Caco-2 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab188156 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 113 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

Target

Function

May play a role in nucleotide excision repair (NER) and RNA polymerase II (POL II) transcription by interacting with ERCC2/XPD and ERCC3/XPB helicases, both subunits of NER-transcription factor TFIIH. May also function as a transcriptional coactivator of estrogen receptor (ER). May be involved in regulation of ER activity by bridging TFIIH with ER or may facilitate TFIIH-mediated phosphorylation of ER in specific promoters and cell types. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation.

Tissue specificity

Ubiquitously expressed with higher expression in testis.

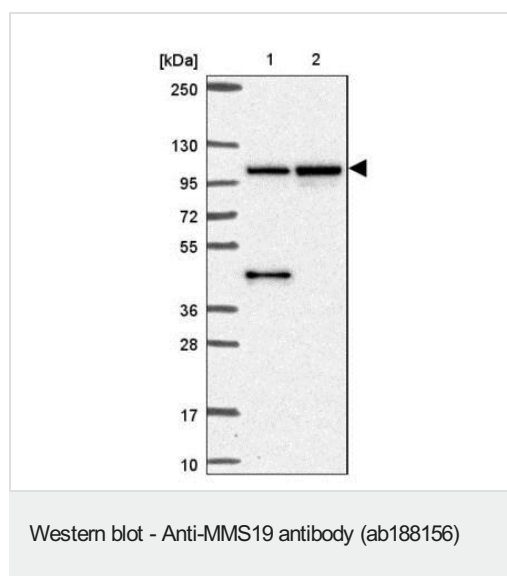
Sequence similarities

Belongs to the MET18/MMS19 family.
Contains 7 HEAT repeats.

Cellular localization

Nucleus. Cytoplasm > cytoskeleton > spindle.

Images

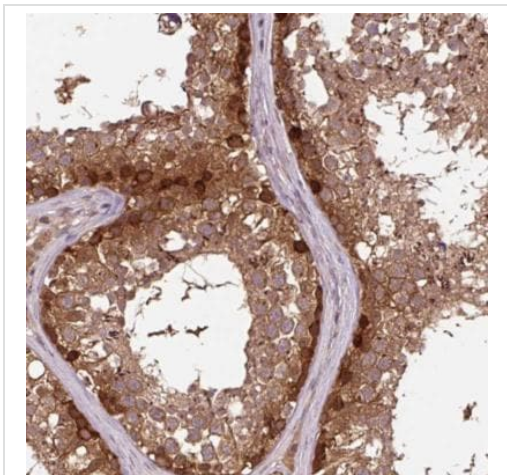


All lanes : Anti-MMS19 antibody (ab188156) at 1/250 dilution

Lane 1 : RT-4 cell lysate

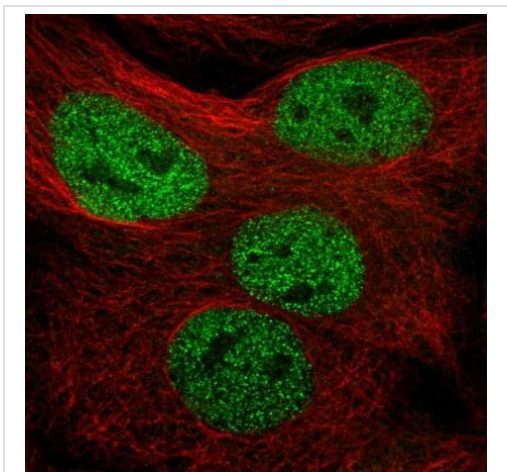
Lane 2 : U-251 MG sp cell lysate

Predicted band size: 113 kDa



Paraffin embedded human testis tissue stained for MMS19 using ab188156 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMS19 antibody (ab188156)



Caco-2 cells stained for MMS19 (green) using ab188156 at 2 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-MMS19 antibody (ab188156)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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- We investigate all quality concerns to ensure our products perform to the highest standards

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