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Datasheet for ABIN7116477  
**anti-MMS19 antibody**

### Overview

Quantity:	100 µg
Target:	MMS19
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MMS19 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

### Product Details

Immunogen:	MMS19 nucleotide excision repair homolog(S. cerevisiae)
Clone:	6H1
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	MMS19
Alternative Name:	MMS19 ( <a href="#">MMS19 Products</a> )
Background:	Synonyms:MMS19L Background:Key component of the cytosolic iron-sulfur protein assembly(CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur

## Target Details

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cluster into apoproteins specifically involved in DNA metabolism and genomic integrity. In the CIA complex, MMS19 acts as an adapter between early-acting CIA components and a subset of cellular target iron-sulfur proteins such as ERCC2/XPD, FANCI and RTEL1, thereby playing a key role in nucleotide excision repair(NER) and RNA polymerase II(POL II) transcription. As part of the mitotic spindle-associated MMXD complex, plays a role in chromosome segregation, probably by facilitating iron-sulfur cluster assembly into ERCC2/XPD. Indirectly acts as a transcriptional coactivator of estrogen receptor(ER), via its role in iron-sulfur insertion into some component of the TFIIH-machinery.

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Molecular Weight: 103 kDa

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Gene ID: 64210

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UniProt: [Q96T76](#)

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Pathways: [Nuclear Hormone Receptor Binding](#)

## Application Details

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Application Notes: WB: 1:1000-1:4000, IHC: 1:20-1:200, IF: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months