

anti- MMS19 antibody

Product Information

Catalog No.:	FNab05249
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	6H1
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Key component of the cytosolic iron-sulfur protein assembly(CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur 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 TFIID-machinery.

Immunogen information

Immunogen:	MMS19 nucleotide excision repair homolog(<i>S. cerevisiae</i>)
Synonyms:	MMS19L
Observed MW:	103 kDa
UniprotID :	Q96T76

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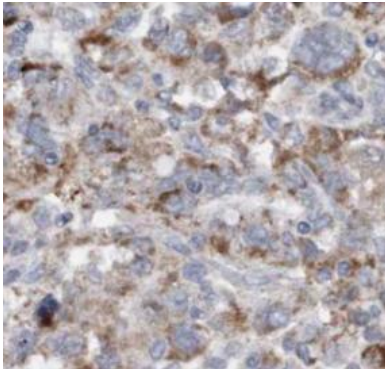
Application

Reactivity: Human, Mouse, Rat

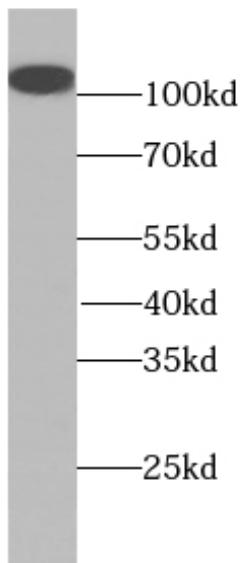
Tested Application: ELISA, WB, IF, IHC

Recommended dilution: WB: 1:1000-1:4000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human cervical cancer using FNab05249(MMS19 antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab05249(MMS19 Antibody) at dilution of 1:2000

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