

## Product datasheet

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# ARG44204 anti-MMS19 antibody

Package: 50 μg Store at: -20°C

## **Summary**

Product Description Rabbit Polyclonal antibody recognizes MMS19

Tested Reactivity Hu, Ms

Tested Application FACS, ICC/IF, IHC-P, WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name MMS19

Species Human

Immunogen Recombinant protein of Human MMS19

Conjugation Un-conjugated

Alternate Names MMS19; MMS19 Homolog, Cytosolic Iron-Sulfur Assembly Component; HMMS19; MMS19L; MET18;

CIAO4; MMS19 Nucleotide Excision Repair Protein Homolog; MMS19-Like Protein; MET18 Homolog; MMS19 Nucleotide Excision Repair Homolog (S. Cerevisiae); MMS19 Cytosolic Iron-Sulfur Assembly Component; MMS19-Like (MET18 Homolog, S. Cerevisiae); MMS19 Nucleotide Excision Repair

Homolog; MET18 Homolog (S. Cerevisiae); Homolog Of Yeast MMS19

## **Application Instructions**

Application table	Application	Dilution
	FACS	1-3 μg/1x10^6 cells
	ICC/IF	5 μg/ml
	IHC-P	2-5 μg/ml
	WB	0.25-0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

## **Properties**

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Sodium azide

Stabilizer 5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol MMS19

Gene Full Name Mms19 Homolog, Cytosolic Iron-Sulfur Assembly Component

Background Enables estrogen receptor binding activity and transcription coactivator activity. Involved in several

processes, including iron-sulfur cluster assembly; positive regulation of nucleobase-containing compound metabolic process; and protein maturation by iron-sulfur cluster transfer. Located in cytosol;

nucleoplasm; and spindle. Part of CIA complex and MMXD complex.

Function 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

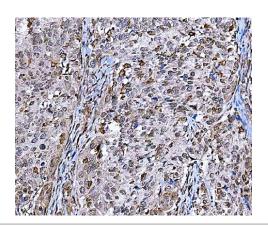
metabolism and genomic integrity.

Calculated Mw 113 kDa

PTM Acetylation, Phosphoprotein, Ubl conjugation

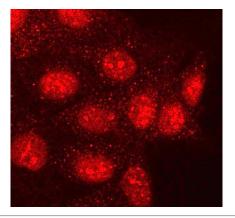
Cellular Localization Cytoplasm, Cytoskeleton, Nucleus

#### **Images**



#### ARG44204 anti-MMS19 antibody IHC-P image

Immunohistochemistry: Human bladder urothelial carcinoma stained with ARG44204 anti-MMS19 antibody at 2 µg/mL dilution.



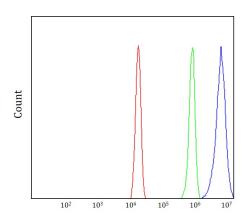
## ARG44204 anti-MMS19 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG44204 anti-MMS19 antibody at 5  $\mu g/mL$  dilution.

## ARG44204 anti-MMS19 antibody WB image

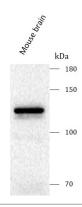
kDa — 180 — 150 — 70

Western blot: Caco-2 stained with ARG44204 anti-MMS19 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



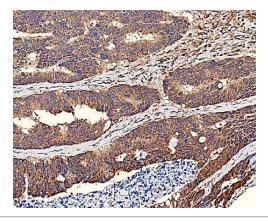
#### ARG44204 anti-MMS19 antibody FACS image

Flow Cytometry: HeLa stained with ARG44204 anti-MMS19 antibody at 1  $\mu$ g/1x10^6 cells dilution.



## ARG44204 anti-MMS19 antibody WB image

Western blot: Mouse brain stained with ARG44204 anti-MMS19 antibody at 0.5  $\mu g/mL$  dilution.



#### ARG44204 anti-MMS19 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG44204 anti-MMS19 antibody at 2  $\mu g/mL$  dilution.