

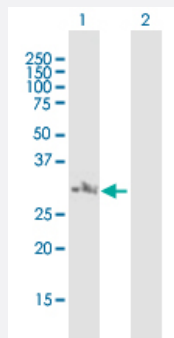
MaxPab®

NSMCE2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00286053-B01

Size 50 uL

Applications

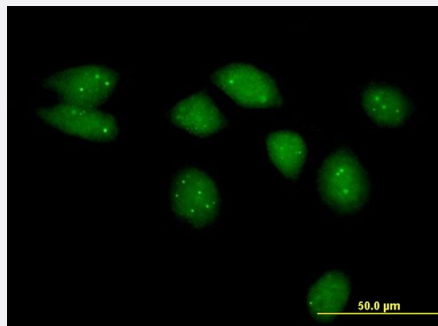


Western Blot (Transfected lysate)

Western Blot analysis of NSMCE2 expression in transfected 293T cell line ([H00286053-T01](#)) by NSMCE2 MaxPab polyclonal antibody.

Lane 1: C8orf36 transfected lysate (27.17 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NSMCE2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NSMCE2 protein.
Immunogen	NSMCE2 (NP_775956.1, 1 a.a. ~ 247 a.a) full-length human protein.
Sequence	MPGRSSNSGSGTGFI SFGVESALSSLKNFQACINSGMDTASSVALDLVESQTEVSSEYSMDKA MVEFATLDRQLNHVYKAVQSTINHVKEERPEKIPDLKLLVEKKFLALQSKNSDADFQNNKFVQF KQQLKELKKQCGLQADREADGTEGVDEDIIVTQSQTNFTCPITKEEMKKPVKNKVCGHTEEDAI VRMIESRQKRKKKAYCPQIGCSHTDIRKSDLIQDEALRRAIENHNKKRHRHSE
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to NSMCE2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NSMCE2

Entrez GeneID	286053
GeneBank Accession#	NM_173685
Protein Accession#	NP_775956.1
Gene Name	NSMCE2
Gene Alias	C8orf36, FLJ32440, MMS21, NSE2
Gene Description	non-SMC element 2, MMS21 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	methyl methanesulfonate sensitivity gene 21 non-SMC element 2, MMS21 homolog

Publication Reference

- [Expulsion of micronuclei containing amplified genes contributes to a decrease in double minute chromosomes from malignant tumor cells.](#)

Ji W, Bian Z, Yu Y, Yuan C, Liu Y, Yu L, Li C, Zhu J, Jia X, Guan R, Zhang C, Meng X, Jin Y, Bai J, Yu J, Lee KY, Sun W, Fu S.
International Journal of Cancer 2014 Mar; 134(6):1279.

Application: WB, Human, NCI-H716 cells

- [De novo assembly of a PML nuclear subcompartment occurs through multiple pathways and induces telomere elongation.](#)

Chung I, Leonhardt H, Rippe K.
Journal of Cell Science 2011 Nov; 124(Pt 21):3603.

Application: IF, Human, U2OS cells

Disease

- [Bipolar Disorder](#)
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- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
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