


Product datasheet

Anti-NSMCE1 antibody ab168578

2 Images

Overview

Product name	Anti-NSMCE1 antibody
Description	Mouse polyclonal to NSMCE1
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Goat, Horse, Cow, Dog, Rhesus monkey, Orangutan 
Immunogen	Full length protein, corresponding to amino acids 1-256 of Human NSMCE1 (AAH18938.3). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Lysate from 293T cells transfected with NSMCE1; HeLa cells.

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.
Storage buffer	pH: 7.20 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab168578** 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
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 30 kDa.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 10 µg/ml.

Target

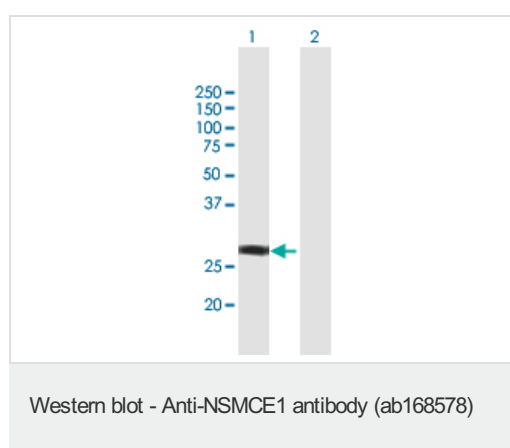
Relevance

NSMCE1 is a probable component of the SMC5-SMC6 complex, a complex involved in DNA double strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double strand breaks.

Cellular localization

Nucleus. Chromosome, telomere

Images



All lanes : Anti-NSMCE1 antibody (ab168578) at 1 µg/ml

Lane 1 : NSMCE1-transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

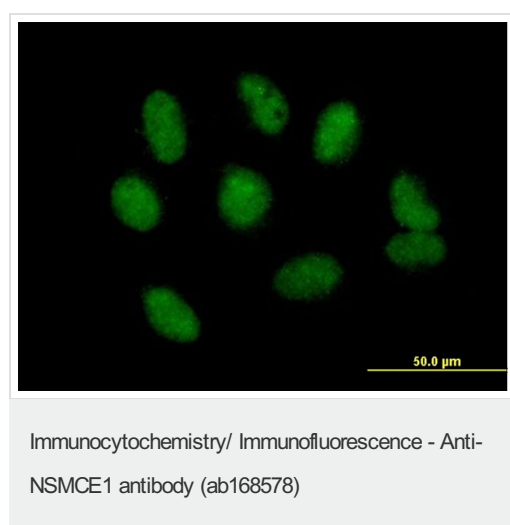
Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat Anti-Mouse IgG

Developed using the ECL technique.

Predicted band size: 30 kDa



Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, labeling NSMCE1 using ab168578 at 10 µg/ml.

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