

# Anti-SMC3 antibody



Catalog Number: 176548

## Product name

Anti-SMC3 antibody

## Specificity

Human, Mouse, Rat

## Antibody description

Rabbit monoclonal antibody to SMC3

## Preparation

This antigen of this antibody was recombinant protein

## Formulation

Liquid, 1\*TBS (pH7.4), 0.05% BSA, 40% Glycerol.  
Preservative: 0.05% Sodium Azide.

## Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## Clonality

Monoclonal

## Ig Type

Rabbit IgG

## Applications

WB, ICC/IF, IHC-P, FC

## Dilutions

WB: 1:1,000-1:5,000

ICC/IF: 1:100-1:500

IHC-P: 1:50-1:200

FC: 1:50-1:100

## Validations

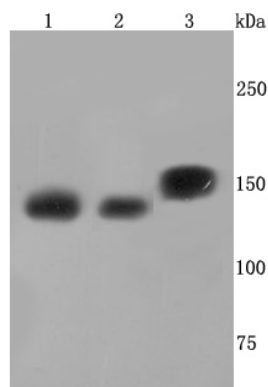


Fig1: Western blot analysis of SMC3 on different cells lysates using anti-SMC3 antibody at 1/1,000 dilution.; Positive control;; Line1: HepG2; Line2: NIH-3T3; Line3:PC12

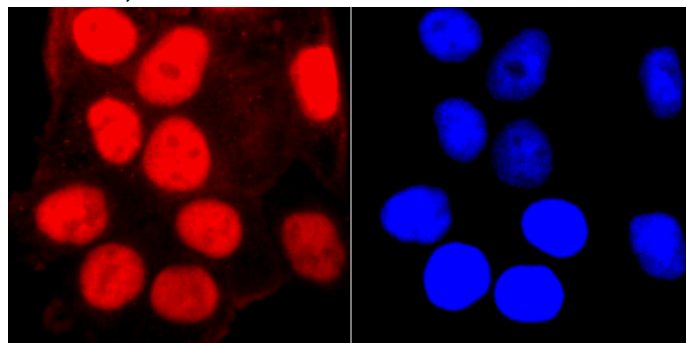


Fig2: ICC staining SMC3 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

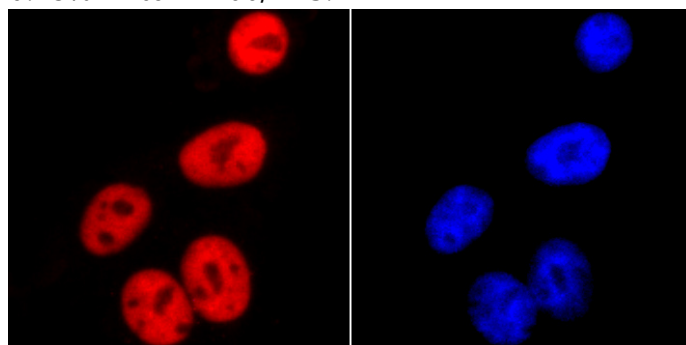


Fig3: ICC staining SMC3 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

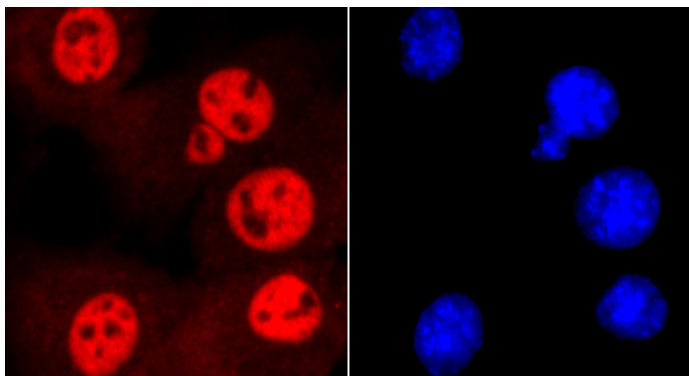


Fig4: ICC staining SMC3 in NIH-3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

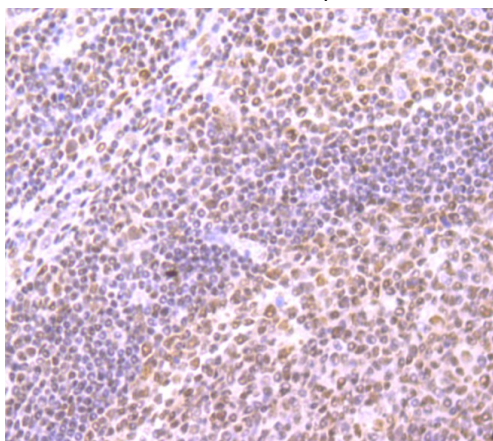


Fig5: Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-SMC3 antibody. Counter stained with hematoxylin.

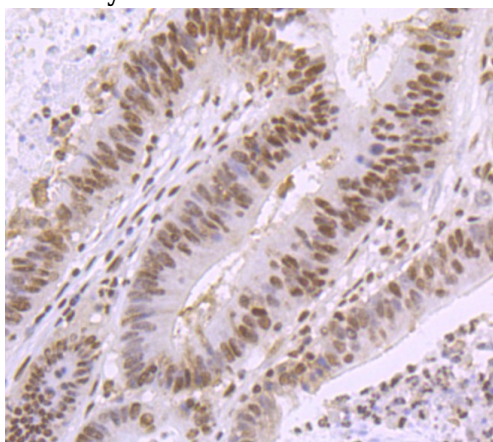
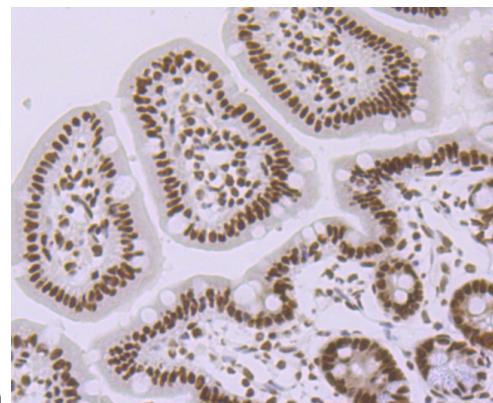


Fig6: Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-SMC3 antibody. Counter stained with



hematoxylin.

Fig7: Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-SMC3 antibody. Counter stained with hematoxylin.

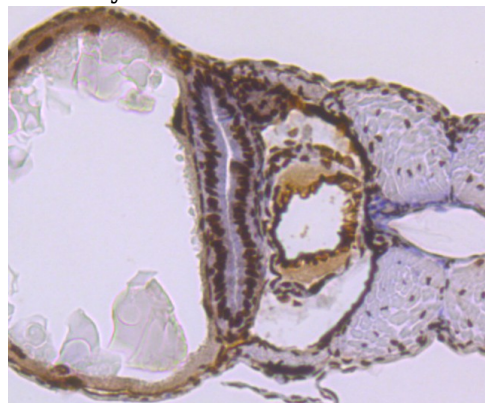


Fig8: Immunohistochemical analysis of paraffin-embedded zebrafish tissue using anti-SMC3 antibody. Counter stained with hematoxylin.

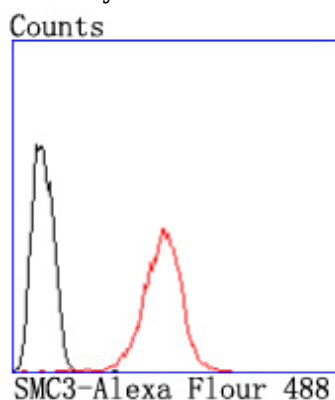


Fig9: Flow cytometric analysis of Hela cells with SMC3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary a