

SYCP3 monoclonal antibody

Catalog: MB21750

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

27.7kDa

Swiss-Prot:

Q8IZU3

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

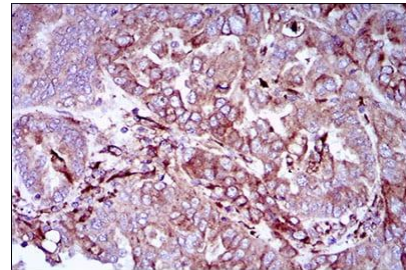
IHC:1/200 - 1/1000 IF:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

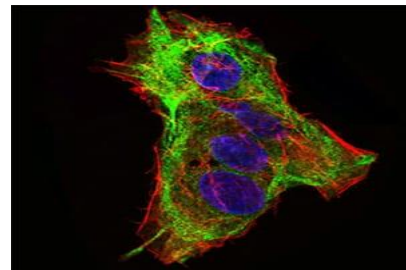
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

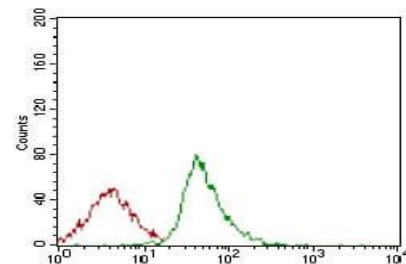
Mouse IgG1

DATA:

Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using SYCP3 mouse mAb with DAB staining.



Immunofluorescence analysis of HepG2 cells using SYCP3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using SYCP3 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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