

## MONOCLONAL ANTIBODY

*For research use only. Not for clinical diagnosis.*

**Catalog No. CE-024A Lot No.MA-002**

# Anti-CAP-H2(Condensin II subunit) antibody

## BACKGROUND

CAP-H2 is regulatory subunit of the condensin-2 complex, a complex that seems to provide chromosomes with an additional level of organization and rigidity and in establishing mitotic chromosome architecture.

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| <b>Product type</b>  | Primary antibodies                                                          |
| <b>Host</b>          | Rat                                                                         |
| <b>Source</b>        | Culture supernatant                                                         |
| <b>Form</b>          | Liquid                                                                      |
|                      | Purified monoclonal antibody in PBS, 50% Glycerol, 0.05% NaN <sub>3</sub> . |
| <b>Volume</b>        | 100 µl                                                                      |
| <b>Concentration</b> | 1 mg/ml                                                                     |
| <b>Specificity</b>   | CAP-H2 (Condensin II subunit)                                               |
| <b>Antigen</b>       | Recombinant GST-fused human CAP-H2 (full-length).                           |
| <b>Clone</b>         | 5F2G4                                                                       |
| <b>Isotype</b>       | IgG2a                                                                       |

**Application notes** WB, ICC, IP Not tested for other applications.

### Recommended dilutions

Western blotting, 1/2,000 to 1/10,000

Immunocytochemistry, 1/200 to 1/1,000

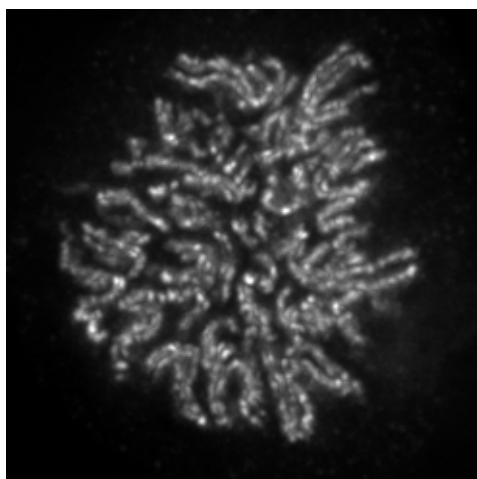


Fig.1 Immunocytochemistry/ Immunofluorescence –  
Condensin II complex, subunit CAP-H2 antibody (5F2G4) , HeLa cell

**Anti-CAP-H2(Condensin II subunit) antibody**

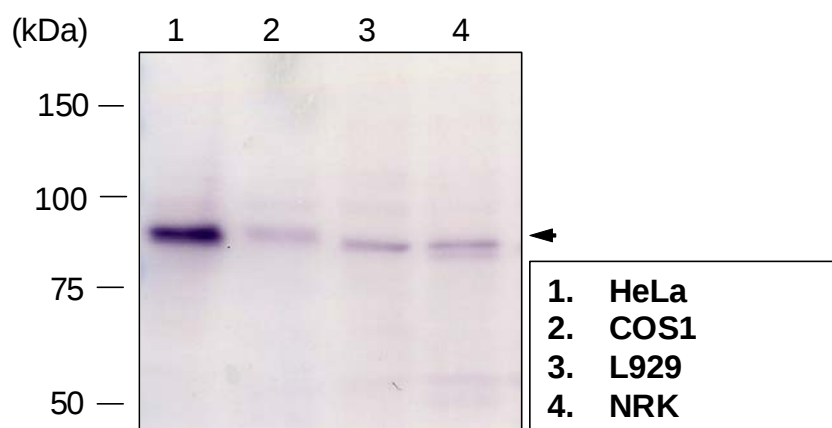


Fig.2 Western blot - Condensin II complex, subunit CAP-H2 antibody (5F2G4)  
1.HeLa, 2.COS1, 3.L929, 4.NRK cell total extracts

Optimal dilutions/concentrations should be determined by the end user.

**Cross reactivity** Human, Mouse Other species have not been tested.

**Storage** Store below -20°C (below -70°C for prolonged storage).

**References** 1) Wood et al., (2010) Nat. Rev. Genet., 11, 391-404.

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