



Category:
Monoclonal Antibodies

Cat. #
V7089

Product Name:
Nuclear Mitotic Apparatus Protein (NuMA)

Description:

Monoclonal Mouse Anti-Human Nuclear Mitotic Apparatus Protein (NuMA).

Immunogen:

Live Ls 174T cells (colon carcinoma).

Application:

Immunohistochemistry 1:50-1:100 on frozen and formalin-fixed paraffin-embedded tissue sections. Western Blot 1:100-1:300. The Optimum Conditions Should Be Determined By The Individual Lab.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Tonsil, Thymus, Spleen

Epitope:

Cytoplasmic and or nuclear.

Presentation:

20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

This antibody can be used on frozen and formalin tissue sections. Formalin-fixed paraffin-embdded tissue sections require, boiling the tissue in 10 mM citrate buffer, pH 6.0 for 10-20 mins. followed by cooling to Rt for 10-20 mins. This step is done prior to antibody. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:

Reacts with an intracellular 228 kDa protein found inthe nucleus during interphase.

Storage:

Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.2mg

Clone: B497 (A73 B/D12)

Isotype: IgG1

Host: Mouse

Form: Purified

Mol. Wt. of Antigen: 228 kD

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Compton, D.A. etal, J. Cell Biol. 116:1395-1408, 1992.
2. Butschak, G. etal, Acta Histochem. 97:19-31, 1995.
3. Gueth-Hallonet, C. etal, Exp. Cell Res. 233(1):21-24, 1997.

For Research Use Only

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com