

Datasheet

Tubulin-alpha monoclonal antibody, clone TU-01 (FITC)

Catalog Number: MAB5027

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native tubulin-alpha.

Clone Name: TU-01

Immunogen: Native purified porcine tubulin-alpha.

Host: Mouse

Reactivity: Pig

Applications: IF

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody recognizes the defined epitope (aa 65-97) on N-terminal structural domain of alpha-tubulin.

Form: Liquid

Conjugation: FITC

Concentration: 1 mg/mL

Isotype: IgG1

Recommend Usage: Immunofluorescence (1:50)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

References:

1. Dazap2 modulates transcription driven by the Wnt effector TCF-4. Lukas J, Mazna P, Valenta T, Doubravska L, Pospichalova V, Vojtechova M, Fafilek B, Ivanek R, Plachy J, Novak J, Korinek V. *Nucleic Acids Res.* 2009 May;37(9):3007-20. Epub 2009 Mar 20.

2. Complexes of gamma-tubulin with nonreceptor protein tyrosine kinases Src and Fyn in differentiating P19 embryonal carcinoma cells. Kukharsky V, Sulimenko V, Macurek L, Sulimenko T, Draberova E, Draber P. *Exp Cell Res.* 2004 Aug 1;298(1):218-28.

3. Post-translational modifications and multiple tubulin isoforms in *Nicotiana tabacum* L. cells. Smertenko A, Blume Y, Viklicky V, Opatrny Z, Draber P. *Planta.* 1997;201(3):349-58.