

Datasheet

Tubulin-alpha/beta dimer monoclonal antibody, clone TU-08

Catalog Number: MAB3657

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native Tubulin.

Clone Name: TU-08

Immunogen: Native purified porcine Tubulin.

Host: Mouse

Theoretical MW (kDa): 100

Reactivity: Human, Mouse, Pig

Applications: ICC, WB

(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 alpha, beta-tubulin heterodimer (porcine brain), a basic intracellular structural unit of microtubules. Alpha- and beta- tubulins form approximately 100 KDa tubulin heterodimer, a globular protein that polymerizes to form microtubules.

Form: Liquid

Concentration: 1 mg/mL

Isotype: IgM

Recommend Usage: Western Blot (5 ug/mL)

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

Storage Buffer: In TBS, pH 8.0 (15 mM sodium azide)

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

References:

1. Novel monoclonal antibodies TU-08 and TU-16

specific for tubulin subunits. Draberova E, Draber P. Folia Biol (Praha). 1998;44(1):35-6.

2. Distribution of non-class-III beta-tubulin isoforms in neuronal and non-neuronal cells. Linhartova I, Draberova E, Viklicky V, Draber P. FEBS Lett. 1993 Mar 29;320(1):79-82.

3. Expression of human alpha-tubulin genes: interspecies conservation of 3' untranslated regions. Cowan NJ, Dobner PR, Fuchs EV, Cleveland DW. Mol Cell Biol. 1983 Oct;3(10):1738-45.