Tubulin

Mouse Monoclonal Antibody

【Catalog Number】

REF 0515

【Package Size】

Ready to use: ☐1mL ☐2mL ☐3mL ☐5mL ☐6mL

Concentrated: ☐0.1mL ☐0.2 mL ☐0.5mL ☐1.0mL

【Intended Use】

Mouse Monoclonal anti-Tubulin antibody is intended for use to qualitatively identify Tubulin antigen by light microscopy in sections of formalin-fixed, paraffin-embedded tissue using IHC detection methodology.

This antibody is for research use only (RUO).

【Specimen Collection and Preparation for Analysis】

Formalin-fixed, paraffin-embedded tissues.

Each section should be cut to the appropriate thickness (2-5 μm) for the primary antibody being used and placed on a positively charged glass microscope slide.

【Storage and Handling】

Store at 2-8°C. Do not freeze.

Do not use product beyond the expiration date for the storage method.

【Reagents Provided】

Clone: 1-B11

Buffer: 10mM pH 7.4 Phosphate Puffer Saline (PBS).

Stabilizer: 0.05% bovine serum (BSA).

Preservative: 0.05% sodium azide (NaN_3).

Ready-to-use antibody concentration: 2-5μg/mL.

Concentrated antibody concentration: 50-200μg/mL.

【Staining Procedure】

1. Deparaffinized slides in 3 changes of xylene (or Dewax solution), 10 minutes each. and hydrate through a graded series alcohols .
2. Wash the section in 90%, 80% and 70% ethyl alcohol for 10 minutes each.
3. Rinse in distilled water, 2 x 5 minutes.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H_2O_2) for 10 minutes.
5. Wash in distilled water, 2 x 5 minutes.
6. Antigen retrieval: Place slides in a pressure cooker filled with Epitope Retrieval Solution (Citrate, pH 6.0) buffer.
7. Wash in PBS 2 x 5 minutes.
8. Concentrated Antibody Dilution
   Suggested Dilution: 1:50-1:100
   The optimal dilution for a specific application under a given set of experimental conditions should be determined by the investigator.
9. Add 100μL primary antibody, Incubate for 30 minutes . Wash in PBS 2 x 5 minutes.
10. Add 100μL secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol. Wash in PBS 2 x 5 minutes.
11. Add 100μL DAB solution (the protocol depends on the supplier), Incubate for 2-10 minutes. Wash in PBS 2 x 5 minutes.
12. Counterstain with hematoxylin. Rinse with deionized water.

【Contact Information】

Shanghai Long Island Antibody Diagnostica Inc.

Add: 100A, Building #1, No. 288 Hangnanzhi Road, Zhuanghang Industrial Zone, Fengxian District, 201415 Shanghai, People's Republic of China

Tel: +86 21-64910505; 400-920-0015

Fax: +86 21-57469228

Email: sales@longislandab.com

Web: www.longislandab.com