

## β-tubulin (HRP Conjugated) Monoclonal Antibody

Cat #: ABM40201

Size: 30μl /100μl /200μl

### Product Information

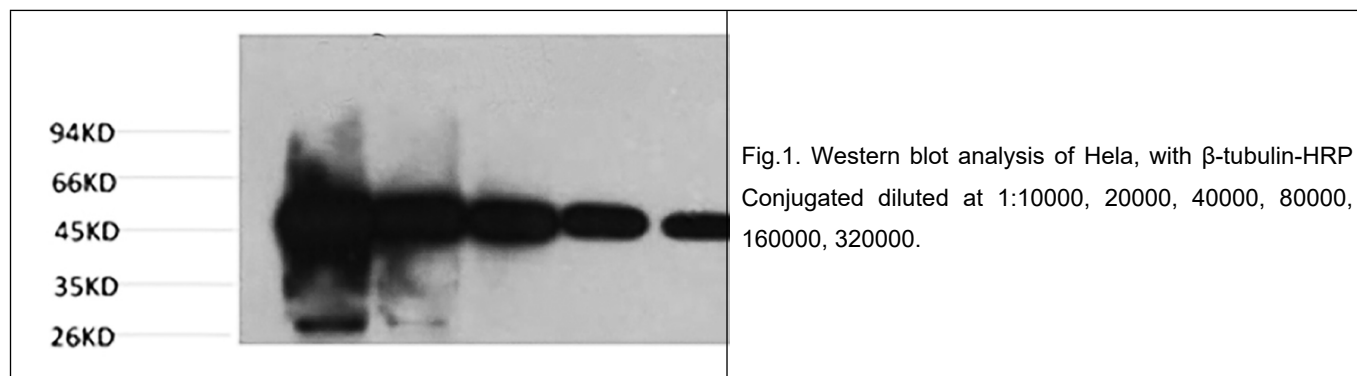
|                                                                                   |                                                                                                   |                                                                                   |                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> β-tubulin (HRP Conjugated) Monoclonal Antibody                               |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, IF, IHC-P                                                                |                                                                                   | <b>Isotype:</b> Mouse IgG1                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat, Monkey, Dog, Chicken, Hamster, Rabbit, Sheep, Insect, Yeast |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABM40201                                                                   | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                                                        |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.                              |  | <b>Note:</b> Contain sodium azide.        |

**Background:** TUBB (tubulin beta class I) encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in TUBB cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for TUBB on chromosomes 1, 6, 7, 8, 9, and 13.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:3000), IHC-P (1:50-1:200).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



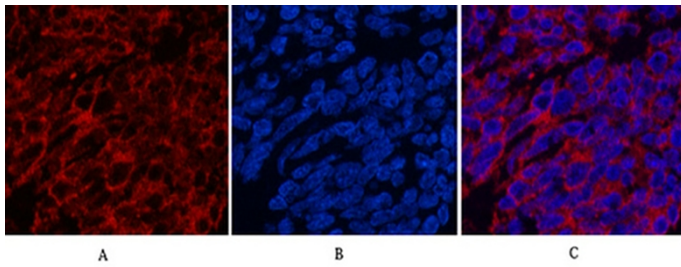


Fig.2. Immunofluorescence analysis of human lung cancer tissue. 1,  $\beta$ -tubulin (HRP Conjugated) Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.