

For Research Use Only

Beta Tubulin Monoclonal antibody

Catalog Number: 60039-1-Ig **1 Publications**



Basic Information

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|---|--|---|
| Catalog Number: 60039-1-Ig | GenBank Accession Number: BC000748 | Purification Method: Caprylic acid/ammonium sulfate precipitation |
| Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 10381 | CloneNo.: 5H9D7 |
| Source: Mouse | UNIPROT ID: Q13509 | |
| Isotype: IgM | Full Name: tubulin, beta 3 | |
| Immunogen Catalog Number: AG0117 | Calculated MW: 450 aa, 50 kDa | |
| | Observed MW: 55 kDa | |

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Background Information

There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha, beta, and gamma tubulins have all been used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimitotic drugs.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------|-----------|------------|-------------|
| Zhe Li | 39918588 | J Med Chem | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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