

For Research Use Only

Beta Tubulin Monoclonal antibody

Catalog Number: 60039-1-Ig **2 Publications**



Basic Information

Catalog Number: 60039-1-Ig	GenBank Accession Number: BC000748	Purification Method: Thiophilic affinity chromatograph
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
Ruhai Guo	40376208	Transbound Emerg Dis	WB
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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