For Research Use Only

Beta Tubulin Recombinant antibody

Catalog Number:80603-1-RR

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Basic Information

Catalog Number:
80603-1-RR

Size:
500 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0136

GenBank Accession Number:
BC000748

GeneID (NCBI):
10381

UNIPROT ID:
Q13509

Full Name:
tubulin, beta 3

Calculated MW:
50 kDa

Observed MW:
50-55 kDa

Purification Method:
Protein A purification

CloneNo.:
1E21

Applications

Tested Applications:
ELISA

Species Specificity:
Human, mouse, rat

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.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data