

For Research Use Only

# HRP-conjugated Beta Tubulin Recombinant antibody

Catalog Number:HRP-80713



## Basic Information

<b>Catalog Number:</b> HRP-80713	<b>GenBank Accession Number:</b> BC000748	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10381	<b>CloneNo.:</b> 2013
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13509	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Isotype:</b> IgG	<b>Full Name:</b> tubulin, beta 3	
<b>Immunogen Catalog Number:</b> AG0117	<b>Calculated MW:</b> 450 aa, 50 kDa	
	<b>Observed MW:</b> 50-55 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : HeLa cells, NIH/3T3 cells, Jurkat cells
<b>Species Specificity:</b> human, mouse, rat, zebrafish	

## 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 antimetabolic drugs.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

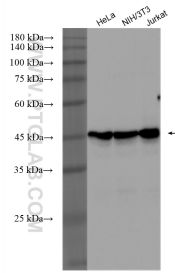
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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with HRP-80713 (Beta Tubulin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.