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**Product Name: beta I Tubulin Rabbit Monoclonal Antibody****Catalog #: AMRe87052**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:200-1:500,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:50 kDa; Observed MW:50 kDa

**Antigen Information**

<b>Gene Name</b>	beta I Tubulin
<b>Alternative Names</b>	Tubulin beta-1 chain; TUBB1
<b>Gene ID</b>	81027
<b>SwissProt ID</b>	Q9H4B7
<b>Immunogen</b>	A synthetic peptide of human beta I Tubulin

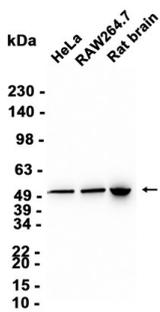
**Background**

This gene encodes a member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is specifically expressed in platelets and

megakaryocytes and may be involved in proplatelet production and platelet release. A mutations in this gene is associated with autosomal dominant macrothrombocytopenia. Two pseudogenes of this gene are found on chromosome Y.[provided by RefSeq, Jul 2010]

## Research Area

## Image Data



Western blot analysis of extracts from RAW264.7, HeLa cells and Rat brain tissue using beta I Tubulin Rabbit Monoclonal Antibody at 1:1000.