
Product Name: beta I Tubulin Mouse Monoclonal Antibody**Catalog #: AMM84975**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 50 kDa; Observed MW: 50 kDa

Antigen Information

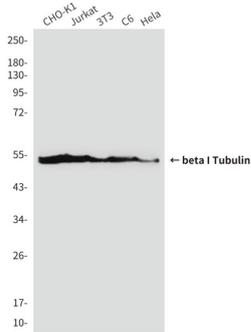
Gene Name	beta I Tubulin
Alternative Names	beta I tubulin; TBB1; TUBB1; Tubulin beta 1; Class VI beta tubulin
Gene ID	81027.0
SwissProt ID	Q9H4B7
Immunogen	Synthetic Peptide of β I tubulin

Background

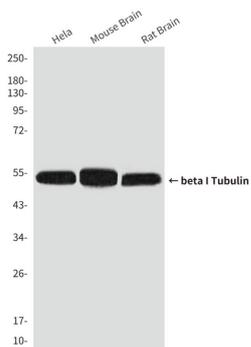
Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain (By similarity).

Research Area

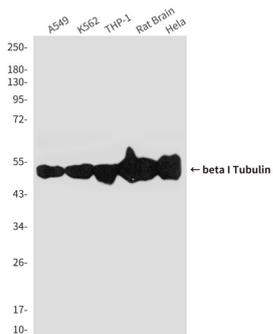
Image Data



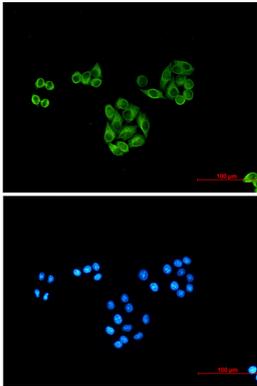
Western blot analysis of beta I Tubulin in CHO-K1, Jurkat, 3T3, C6 and HeLa lysates using beta I Tubulin antibody



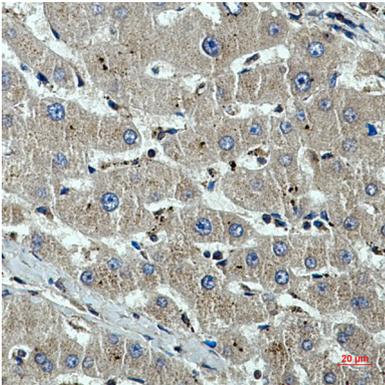
Western blot analysis of beta I Tubulin in HeLa, mouse Brain Tissue, rat Brain Tissue lysates using beta I Tubulin antibody



Western blot analysis of beta I Tubulin in A549, K562, THP-1, rat Brain, HeLa lysates using beta I Tubulin antibody.



Immunocytochemistry analysis of beta I Tubulin (green) in HeLa using beta I Tubulin antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded beta I Tubulin in Human liver cancer using beta I Tubulin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.