

TUBB1 antibody

Catalog No: #22114

Package Size: #22114 100ul

Description

Product Name	TUBB1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 174 and 438 of TUBB1
Conjugates	Unconjugated
Target Name	TUBB1
Accession No.	Swiss-Prot:Q9H4B7Gene ID:81027
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

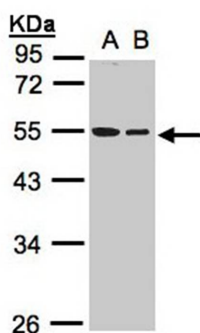
Application Details

Predicted MW: 50kd

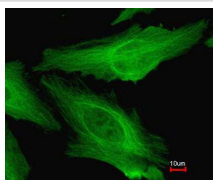
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

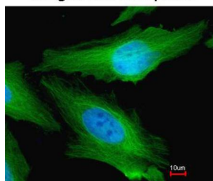
Images



Sample(30 ug whole cell lysate)
A: A431
B: Hep G2
10% SDS PAGE
Primary antibody diluted at 1: 1000



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using TUBB1 antibody at 1: 200 dilution.

Background

Microtubules are involved in a wide variety of cellular processes, including mitosis, morphogenesis, platelet formation, and mobility of cilia and flagella. Circulating platelets carry a single marginal microtubule coil that is wound in 8 to 12 turns and is responsible for platelet shape. TUBB1 is the major beta-tubulin expressed in platelets and megakaryocytes and is required for optimal platelet assembly (Wang et al., 1986 [PubMed 3782288]; Schulze et al., 2004 [PubMed 15315966]).[supplied by OMIM]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.