Product Datasheet

beta Tubulin(HRP conjugated) Rabbit mAb

Catalog No: #49382

Package Size: #49382-1 50ul #49382-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

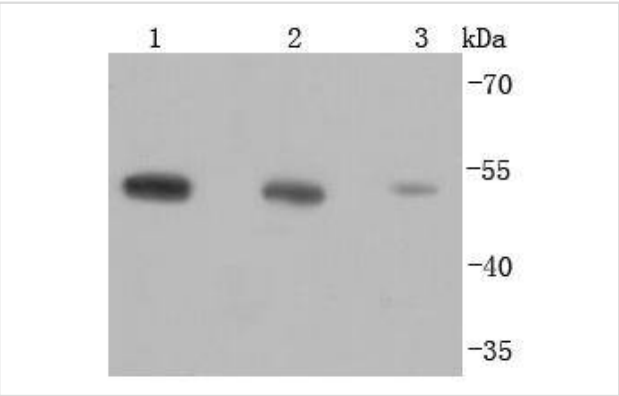
Description

Product Name	beta Tubulin(HRP conjugated) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JF41-50
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	HRP conjugated
Other Names	Beta 4 tubulin antibody Beta 5 tubulin antibody BetaTubulin antibody TBB5_HUMAN antibody TUBB antibody TUBB2 antibody TUBB2A antibody TUBB5 antibody tubulin beta 2A antibody Tubulin beta chain antibody Tubulin beta-5 chain antibody
Accession No.	Swiss-Prot#:P07437
Uniprot	P07437
GeneID	203068;
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-1:2,000

Images



Western blot analysis of beta Tubulin on different lysates using anti-beta Tubulin antibody at 1/1,000 dilution. Positive control:
Lane 1: Hela
Lane 2: PC-12
Lane 3: NIH/3T3

Background

Tubulin is a major cytoskeleton component that has five distinct forms, designated α, β, γ, δ and e Tubulin. α and β Tubulins form heterodimers which

multimerize to form a microtubule filament. Multiple β Tubulin isoforms (β1, β2, β3, β4, β5, β6 and β8) have been characterized and are expressed in mammalian tissues. β1 and β4 are present throughout the cytosol, β2 is present in the nuclei and nucleoplasm, and β3 is a neuron-specific cytoskeletal protein. γ Tubulin forms the gammasome, which is required for nucleating microtubule filaments at the centrosome. Both δ Tubulin and e Tubulin are associated with the centrosome. δ Tubulin is a homolog of the Chlamydomonas δ Tubulin Uni3 and is found in association with the centrioles, whereas e Tubulin localizes to the pericentriolar material. e Tubulin exhibits a cell-cycle-specific pattern of localization, first associating with only the older of the centrosomes in a newly duplicated pair and later associating with both centrosomes.

References

Note: This product is for in vitro research use only