

CAB870Hu01

Anti-Tubulin Beta (TUBb) Polyclonal Antibody

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific Affinity Chromatography

Traits: Liquid

Concentration: 200µg/mL

UOM: 100µg

Applications: WB

[IMMUNOGEN]

Immunogen: RPB870Hu01-Recombinant Tubulin Beta (TUBb)

[ORGANISM SPECIES MORE]

React with: Human, mouse, rat, bovine, porcine;

Other species have not been detected.

[APPLICATIONS]

Western blotting: 0.5-2ug/ml

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant TUBb disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescence (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH6.8), 1% SDS, 150mM NaCl, 50% glycerol, 0.02% BPB, 50mM DTT and 0.02% NaN₃.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

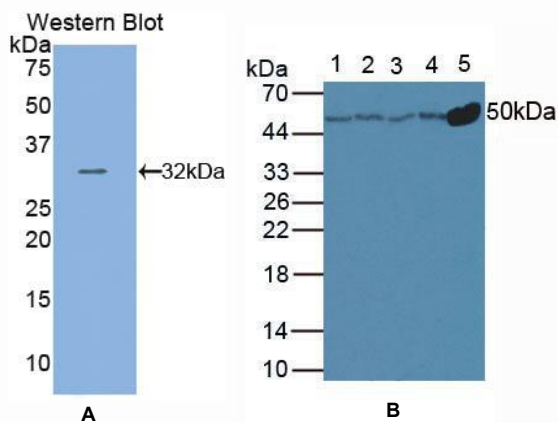


Figure 1. Western Blot

A. Sample: Recombinant TUBb, Human

B. Lane1: Rat Liver Tissue

Lane2: Rat Kidney Tissue

Lane3: Mouse Liver Tissue

Lane4: Mouse Kidney Tissue

Lane5: Mouse Brain Tissue

Primary Ab: 1µg/mL Rabbit Anti-Human TUBb Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig Anti-Rabbit Ab (Catalog: SAA544Rb59)