

Anti- β -tubulin Rabbit pAb

WL01931

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti- β -tubulin Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	Western blot	1:500-1:1000	
	Immunohistochemistry	1:50-300	
	Immunofluorescence	1:300	
Cellular localization	Cytoplasm, cytoskeleton.		
Pack size	50/100/200/500/1000 μ l		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background

Tubulin is the major building block of microtubules. This intracellular cylindrical filamentous structure is present in almost all eukaryotic cells. Globular tubulin subunits comprise the microtubule building block, with α/β -tubulin heterodimers forming the tubulin subunit common to all eukaryotic cells. γ -tubulin is required to nucleate polymerization of tubulin subunits to form microtubule polymers. Microtubules function as structural and mobile elements in mitosis, intracellular transport, flagellar movement and in the cytoskeleton. Tubulin is a heterodimer which consists of alpha tubulin and beta tubulin.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of β -tubulin.

Purification

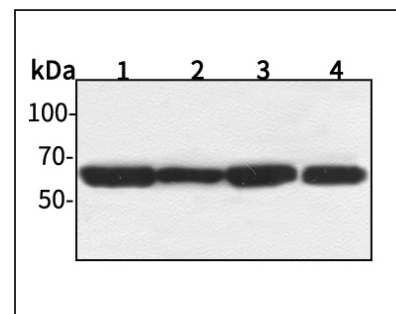
Polyclonal antibody was purified by immunogen affinity chromatography.

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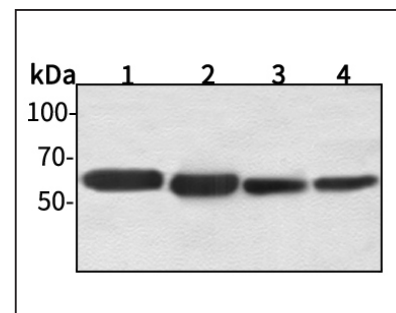
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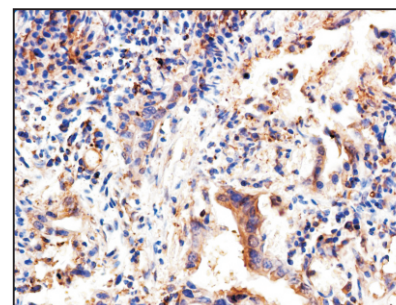
Product Images

Western blot-Anti- β -tubulin pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-APG5L/ATG5 at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 50kDa
 Observed band size: 50-56kDa

Western blot-Anti- β -tubulin pAb

Lane 1: Mouse brain tissue lysate
 Lane 2: Mouse lung tissue lysate
 Lane 3: Rat colon tissue lysate
 Lane 4: Rat skin tissue lysate
 All lanes: Anti-APG5L/ATG5 at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 50kDa
 Observed band size: 50-56kDa

Immunohistochemistry-Anti- β -tubulin pAb

Sample: Human pancreatic cancer tissue
 Antigen retrieval: pH 9.0 Tris-EDTA buffer
 Primary antibody: 1:100, 4°C, overnight
 Secondary antibody-Biotin: 1:150, 37°C, 1h
 Streptavidin-HRP: 1:200, 37°C, 30min
 Color Developing: DAB

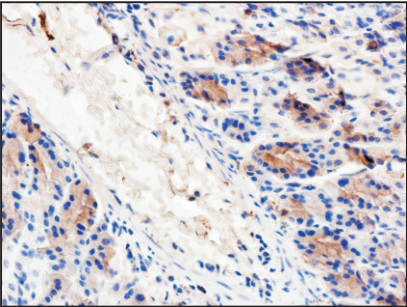
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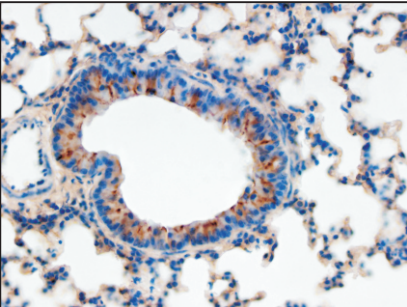
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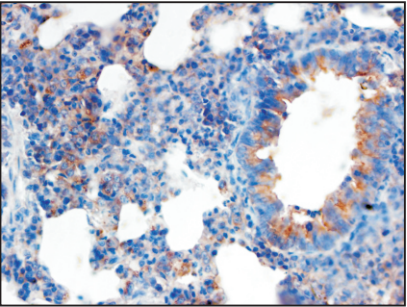
Product Information



Immunohistochemistry-Anti-β-tubulin pAb
Sample: Mouse stomach tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:100, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-β-tubulin pAb
Sample: Mouse lung tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:300, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-β-tubulin pAb
Sample: Rat lung tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:300, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

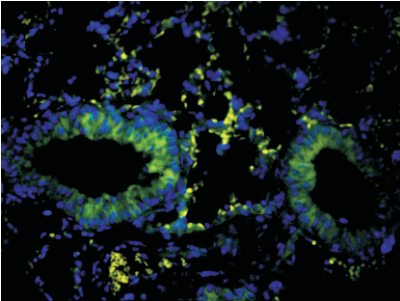
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Product Images



Immunofluorescence-Anti-β-tubulin pAb
Sample: Mouse lung tissue
Primary antibody: 1:300, 4°C, overnight
Secondary antibody-FITC: 1:200, at room temperature, 1h