



β II tubulin Monoclonal Antibody(Mix)

Catalog No	BYab-02988
Isotype	IgG
Reactivity	Mouse;Rat;(H)
Applications	WB;IHC;IF;IP
Gene Name	TUBB2A
Protein Name	Tubulin beta-2A chain
Immunogen	Synthetic Peptide of β II tubulin
Specificity	The antibody detects endogenous β II tubulin protein.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB: 1:50000-100000 IP:1:200 IHC 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	Tubulin beta-2A chain
Observed Band	50kD
Cell Pathway	Cytoplasm, cytoskeleton .
Tissue Specificity	High expression in brain, where it represents 30% of all beta-tubulins.
Function	function: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.,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,
Background	Microtubules, key participants in processes such as mitosis and intracellular transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2015],

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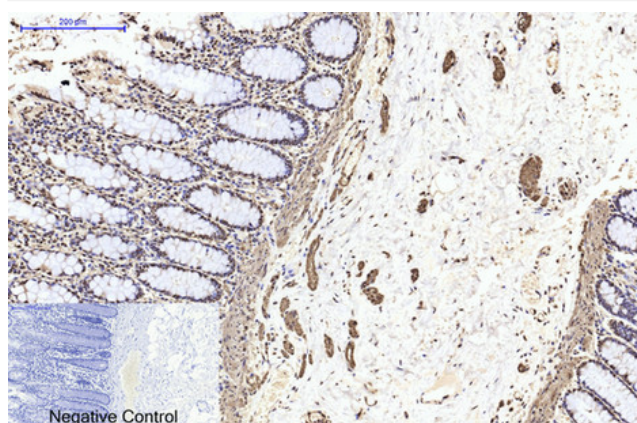
**matters needing attention**

Avoid repeated freezing and thawing!

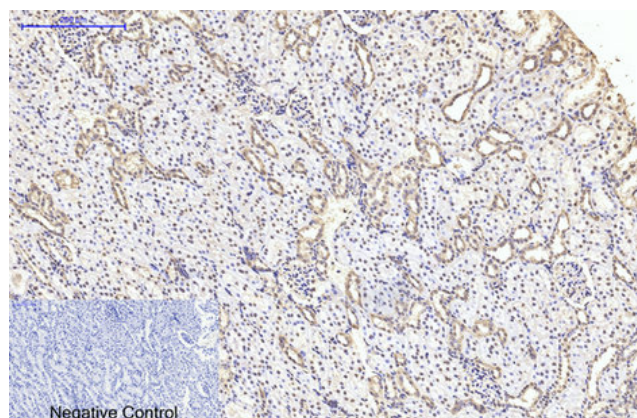
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

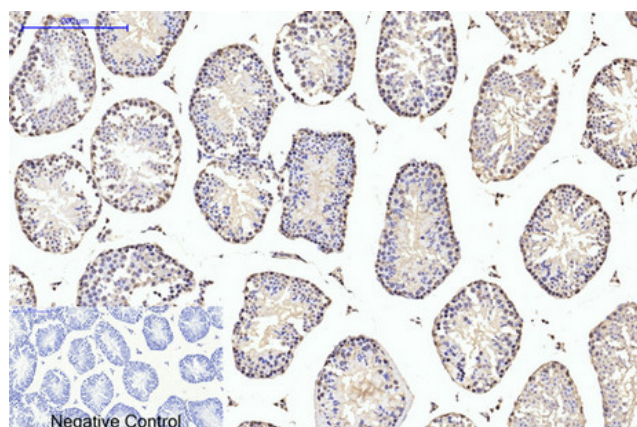
Products Images



Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1, β II tubulin Monoclonal Antibody(Mix) was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

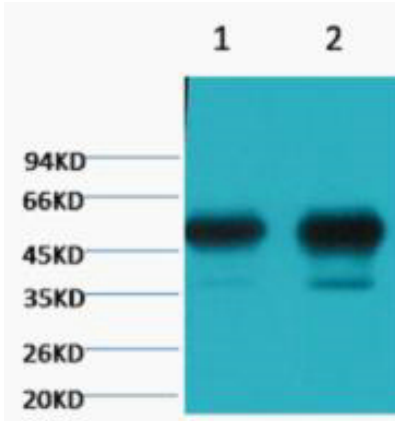


Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, β II tubulin Monoclonal Antibody(Mix) was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

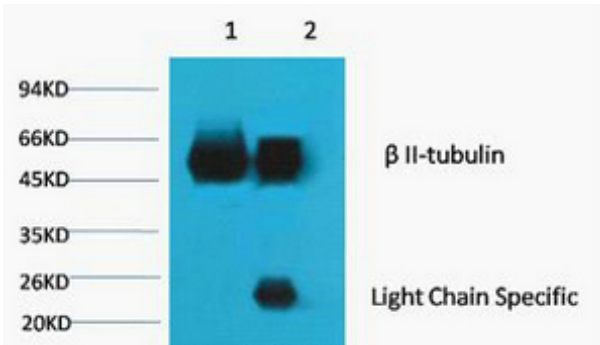


Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1, β II tubulin Monoclonal Antibody(Mix) was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

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Western blot analysis of 1) Mouse Brain tissue, 2) Rat Brain tissue, diluted at 1:100000.



1) Input: Mouse Brain Tissue Lysate 2) IP product: IP dilute 1: 200 Western blot analysis: primary antibody : TDY191 1: 10000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific (S003), 1: 5000