

# Immunotag™ β II Tubulin Polyclonal Antibody

Antibody Specification	
Catalog No.	ITM3247
Product Description	Immunotag™ β II Tubulin Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	βII-Tubulin
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB
Recommended Dilution	WB: 1:2000-5000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthetic Peptide of β II Tubulin
Specificity	The antibody detects endogenous β II tubulin protein.
Purification	The antibody was affinity-purified from rabby antiserum by affinity-chromatography using specific immunogen
Form	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Gene Name	TUBB2A
Accession No.	Q13885 Q7TMM9 P85108
Alternate Names	Tubulin beta-2A chain

## Antibody Specification

Description	tubulin beta 2A class IIa(TUBB2A) Homo sapiens 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],
Cell Pathway/ Category	Gap junction,Pathogenic Escherichia coli infection,
Protein Expression	Brain,Cajal-Retzius cell,Eye,Fetal brain cortex,Skin,
Subcellular Localization	nucleus,cytoplasm,microtubule,extracellular exosome,extracellular vesicle,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.