

Anti-Beta2A-tubulin Antibody

Catalog # AP96100

Product Information

Application	WB, FC
Primary Accession	Q13885
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	49907

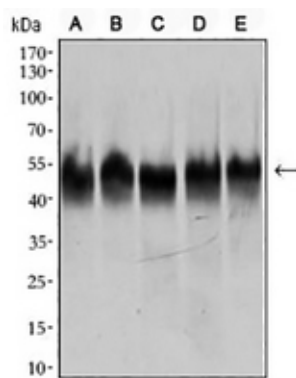
Additional Information

Gene ID	7280
Other Names	TUBB2; Tubulin beta-2A chain; Tubulin beta class IIa
Target/Specificity	Recombinant fusion protein of human Beta2A-tubulin expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

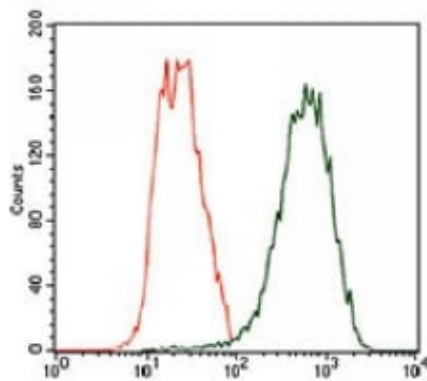
Protein Information

Name	TUBB2A
Synonyms	TUBB2
Function	Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	High expression in brain, where it represents 30% of all beta-tubulins.

Images



Western blot analysis of Beta2A-tubulin expression in HeLa (A), A549 (B), HEK293 (C), Jurkat (D), PC12 (E) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50 kD)



Flow cytometric analysis of HeLa cells using Anti-Beta2A-tubulin Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.