

Anti-TUBB2A / Tubulin Beta 2A Antibody (clone 4B12)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17695

Product Information

Application	WB, IHC-P, E
Primary Accession	Q13885
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	4B12
Calculated MW	49907
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	7280
Alias Symbol	TUBB2A
Other Names	TUBB2A, Class IIa beta-tubulin, DJ40E16.7, TUBB2, Tubulin beta-2A chain, Tubulin, beta 2, Tubulin, beta 2A, Tubulin, beta 2A class IIa, Beta-Tubulin, Tubulin beta-2 chain, Tubulin, beta polypeptide 2, Tubulin, beta polypeptide
Target/Specificity	Human Tubulin Beta 2A
Reconstitution & Storage	Protein A purified
Precautions	Anti-TUBB2A / Tubulin Beta 2A Antibody (clone 4B12) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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