Tubulin alpha-1A chain Antibody

Mouse Monoclonal Antibody [Clone TUBA1A/17045]

Catalog No	Format	Size
7846-MSM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7846-MSM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7846-MSM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

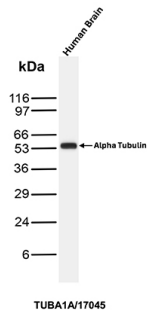
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	TUBA1A/17045
Immunogen	Recombinant human TUBA1A protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	50.14kDa
Cellular Localization	Cytoplasm, Cytoskeleton, Flagellum axoneme
Species Reactivity	Human
Positive Control	Expressed at a high level in fetal brain

**Optimal dilution for a specific application should be determined.*

Product Images for Tubulin alpha-1A chain Antibody



Western blot analysis of human brain tissue lysates using TUBA1A Mouse Monoclonal Antibody (TUBA1A/17045).

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.