

Anti-Beta-tubulin TUBB4A Monoclonal Antibody

Catalog Number: M05613-3

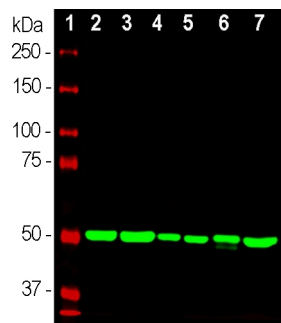
Overview

Product Name	Anti-Beta-tubulin TUBB4A Monoclonal Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Beta-tubulin TUBB4A Monoclonal Antibody catalog # M05613-3. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04350

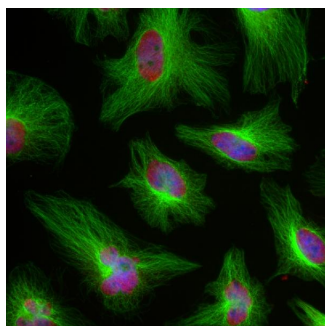
Technical Details

Immunogen	Pig brain tubulin preparation
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:5,000-1:10,000. IF: 1:5,000.

Anti-Beta-tubulin TUBB4A Monoclonal Antibody (M05613-3) Images



Western blot analysis of whole tissue or cell lysates using mouse mAb to β -tubulin, M05613-3, dilution 1:10,000 in green: [1] protein standard (red), [2] adult rat brain, [3] adult mouse brain, [4] NIH-3T3 cells, [5] HEK293 cells, [6] HeLa cells, [7] SH-SY5Y cells. The strong clean band with apparent SDS-PAGE molecular weight of $\sim$ 50kDa corresponds to the β -tubulin proteins.



Immunofluorescent analysis of HeLa cells stained with mouse mAb to β -tubulin, M05613-3, dilution 1:5,000 in green, and costained with chicken pAb to the nucleic acid binding protein FOX2, dilution 1:1,000 in red. Blue is DAPI staining of nuclear DNA. M05613-3 antibody produces strong staining of microtubules in the cytoplasm, while the other antibody labels the nuclei of HeLa cells. Mouse select each image for larger view.

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