

Anti-Beta-tubulin TUBB4A Monoclonal Antibody

Catalog Number: M05613-3

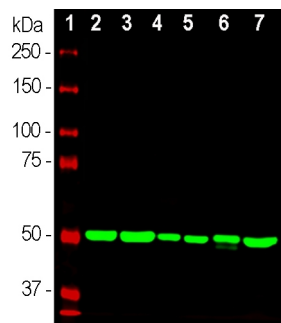
Overview

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

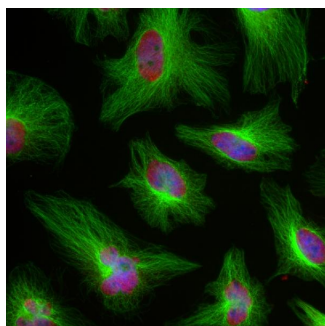
Technical Details

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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:5,000-1:10,000. IF: 1:5,000.</p>

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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