BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Alpha-Tubulin TUBA1A Antibody (Monoclonal, 31T07)

Catalog Number: M03989-5

About TUBA1A

Alpha-tubulin (b-alpha-1) mRNA is expressed only in brain with a molecular weight of about 55,000. The 3-prime UTR of b-alpha-1 is more than 80% homologous to the UTR of the rat brain alpha-tubulin gene, IL-alpha-T1. B-alpha-1 encodes a predicted 451-amino acid protein that is 100% identical to the rat homolog and differs by only 2 and 3 amino acids from the pig and chicken homologs, respectively.

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Overview

Product Name	Anti-Alpha-Tubulin TUBA1A Antibody (Monoclonal, 31T07)
Reactive Species	Chicken, Human, Mouse, Rat
Description	Boster Bio Anti-Alpha-Tubulin TUBA1A Antibody (Monoclonal, 31T07) catalog # M03989-5. Tested in IHC, WB applications. This antibody reacts with Chicken, Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 31T07
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q71U36

Technical Details

Immunogen	Microtubules from chicken embryo brain.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, mouse, rat, chicken Western blot, 1ug/ml, Human, mouse, rat, chicken

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For Research Use Only. Not for use in diagnostic procedures.