BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Beta-Tubulin TUBB1 Antibody (Monoclonal, 35T48)

Catalog Number: M05397-2

About TUBB1

Tubulin beta (TUBB) was derived from its corresponding mRNA with a molecular weight of about 55,000. TUBB gene contains 4 exons and located in the HLA class I region at 6p21.3. Paclitaxel resistance in non-small-cell lung cancer associated with beta-tubulin gene mutations.

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Overview

Product Name	Anti-Beta-Tubulin TUBB1 Antibody (Monoclonal, 35T48)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Beta-Tubulin TUBB1 Antibody (Monoclonal, 35T48) catalog # M05397-2. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal 35T48
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	Q9H4B7

Technical Details

Immunogen	Tubulin from rat 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) and ICC.
Cross Reactivity	No cross-reactivity with other proteins

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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), 0.5-1ug/ml, Human, mouse, rat Western blot, 2ug/ml, Human, mouse, rat Immunocytochemistry/Immunofluorescence,5ug/ml, Human

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