

Anti-Gamma-Tubulin GGA3 Antibody (Monoclonal, GTU-88)

Catalog Number: MA1114

About GGA3

Gamma-tubulin is a universal component of microtubule organizing centers, which is essential for nuclear division and microtubule assembly in *Aspergillus nidulans*. TUBG1 mapped to within 20 kb of TUBG2 at 17q21. Gamma-tubulin is a minor protein, present at less than 1% the level of alpha- and beta-tubulin, and is limited to the centrosome. Gamma-tubulin is present in *Drosophila melanogaster* and *Homo sapiens*.

Overview

Product Name	Anti-Gamma-Tubulin GGA3 Antibody (Monoclonal, GTU-88)
Reactive Species	Human, Mouse, Rat
Description	Mouse IgG monoclonal antibody for gamma-Tubulin, golgi-associated, gamma adaptin ear containing, ARF binding protein 1; golgi-associated, gamma adaptin ear containing, ARF binding protein 2; golgi-associated, gamma adaptin ear containing, ARF binding protein 3 (GGA1; GGA2; GGA3) detection. Tested with WB, ICC in Human, mouse, rat. No cross reactivity with other proteins.
Application	ICC, WB
Clonality	Monoclonal GTU-88
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	D3ZHG8

Technical Details

Immunogen	Synthetic gamma-tubulin peptide(amino acids 38-53), conjugated to KLH.
Predicted Reactive Species	Hamster

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 ICC.
Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1µg/mlµg/ml, Human, mouse, rat, - Western blot, 0.25-0.5µg/mlµg/ml, Human, mouse, rat
	For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Gamma-Tubulin GGA3 Antibody (Monoclonal, GTU-88) (MA1114) Images



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