

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

Catalog # ABO10493

Product Information

Application	WB, ICC
Primary Accession	D3ZHG8
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized
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.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Additional Information

Calculated MW	71715 Da
Application Details	Immunocytochemistry , 1 µg/ml 1 µg/ml, Human, mouse, rat, - Western blot, 0.25-0.5 µg/ml 1 µg/ml, Human, mouse, rat
Subcellular Localization	GGA1: Golgi apparatus, trans-Golgi networkmembrane; Peripheral membrane protein. Endosome membrane;Peripheral membrane protein. Gga1: Golgi apparatus, trans-Golgi networkmembrane Endosome membrane GGA2: Golgi apparatus, trans-Golgi networkmembrane Gga2: Golgi apparatus, trans-Golgi networkmembrane Endosome membrane GGA3: Golgi apparatus, trans-Golgi networkmembrane Gga3: Golgi apparatus, trans-Golgi networkmembrane Endosome membrane
Tissue Specificity	GGA1: Ubiquitously expressed.
Protein Name	ADP-ribosylation factor-binding protein GGA1; ADP-ribosylation factor-binding protein GGA2; ADP-ribosylation factor-binding protein GGA3
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Clone Names	GTU-88
Immunogen	Synthetic gamma-tubulin peptide(amino acids 38-53), conjugated to KLH.
Purification	Ascites

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, 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.
Sequence Similarities	Belongs to the GGA protein family.

Protein Information

Background

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*.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.