

Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88)
Catalog # ABO10493**Specification****Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - 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.

Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - Additional Information**Calculated MW**

71715 MW KDa

Application Details

Immunocytochemistry , 1 µg/ml µg/ml, Human, mouse, rat, -
Western blot, 0.25-0.5 µg/ml 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.

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 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.

Sequence Similarities

Belongs to the GGA protein family.

Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - Protein Information**Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - Images**Anti-Gamma-Tubulin Antibody (Monoclonal, GTU-88) - 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*.