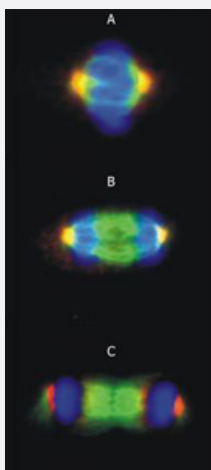


TUBG1 monoclonal antibody, clone TU-30

Catalog # MAB0975

Size 100 ug

Applications



Immunocytochemistry

Immunofluorescence staining of microtubular networks in NIH/3T3 mouse fibroblasts. A : Metaphase. B : Anaphase. C : Telophase. Gamma - tubulin (red) stained with TUBG1 monoclonal antibody, clone TU - 30 (Cat # MAB0975), alpha - tubulin (green) with polyclonal anti - alpha - tubulin antibody and nuclei with DAPI (blue).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of TUBG1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TUBG1.
Host	Mouse
Theoretical MW (kDa)	48
Reactivity	Chicken, Human, Mouse, Pig, Rat
Specificity	This antibody recognizes C-terminal peptide sequence EYHAATRPDYISWGTQ (aa 434-449) of gamma-tubulin, a 48 KDa structural constituent of cytoskeleton and microtubule organizing center (MTOC).
Form	Liquid
Isotype	IgG2b

Recommend Usage	Immunocytochemistry (1-2 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

Immunofluorescence staining of microtubular networks in NIH/3T3 mouse fibroblasts. A : Metaphase. B : Anaphase. C : Telophase. Gamma - tubulin (red) stained with TUBG1 monoclonal antibody, clone TU - 30 (Cat # MAB0975), alpha - tubulin (green) with polyclonal anti - alpha - tubulin antibody and nuclei with DAPI (blue).

Gene Info — TUBG1

Entrez GeneID	7283
Gene Name	TUBG1
Gene Alias	TUBG, TUBGCP1
Gene Description	tubulin, gamma 1
Omim ID	191135
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7. [provided by RefSeq]
Other Designations	tubulin, gamma polypeptide

Disease

- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)