

Gamma Tubulin mouse Monoclonal Antibody(6C12)

Catalog No: YM3653

Reactivity: Human;Rat;Mouse

Applications: WB;IHC;IF

Target: Tubulin Gamma

Fields: >>Human papillomavirus infection

Gene Name: TUBG1

Protein Name: TUBG1

Human Gene Id: 7283

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Rat Swiss Prot No: P83888

Immunogen: Synthetic Peptide of Gamma Tubulin

P23258

P83887

Specificity: Gamma Tubulin protein detects endogenous levels of TUBG1

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution : WB 1:1000-2000, IHC 1:100-200. IF 1:50-200

Purification: The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 50kD

Background : 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, Jan 2009],

Function: function: Tubulin is the major constituent of microtubules. Gamma tubulin is

found at microtubule organizing centers (MTOC) such as the spindle poles or the

centrosome, suggesting that it is involved in the minus-end nucleation of microtubule assembly.,mass spectrometry: PubMed:11840567,similarity:Belongs

to the tubulin family...subunit:Interacts with GCP2 and GCP3. Interacts with

B9D2.,

Subcellular

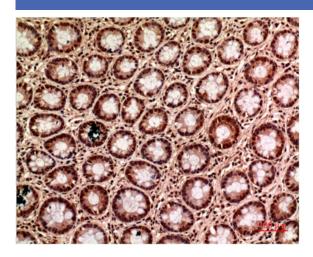
Location:

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.

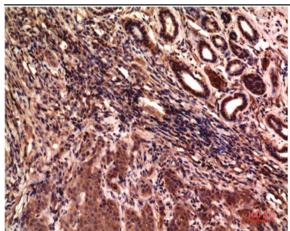
Cytoplasm, cytoskeleton, spindle. Localizes to mitotic spindle microtubules. .

Expression: Mammary cancer, Skin,

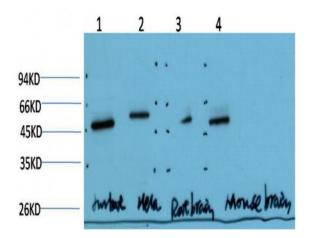
Products Images



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Gamma Tubulin Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Gamma Tubulin Mouse mAb diluted at 1:200.



Western Blot analysis of paraffin-embedded Jurkat\Hela\Mousebrain\Rat-brain using Gamma Tubulin Mouse mAb diluted at 1:1000.