

TUBA4A monoclonal antibody

Catalog: MB23043

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

50kDa

Swiss-Prot:

P68366

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 FC:1/200-1/400

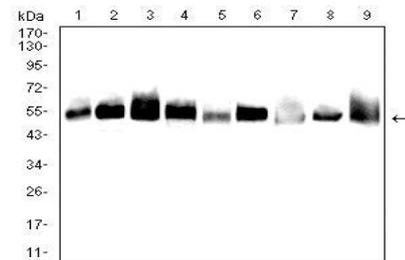
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

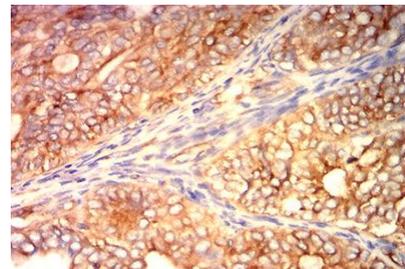
Isotype:

Mouse IgG2a

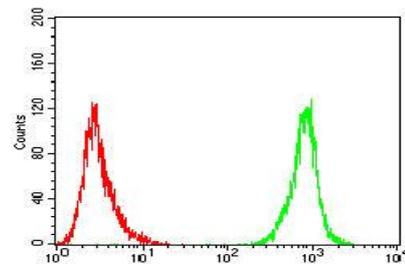
DATA:



Western blot analysis using TUBA4A mouse mAb against A431 (1), HeLa (2), HepG2 (3), Jurkat (4), Cos7 (5), C6 (6), NIH3T3 (7), HEK293 (8), and HEK293-6e (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using TUBA4A mouse mAb with DAB staining.



Flow cytometric analysis of A431 cells using TUBA4A mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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