

Datasheet

TUBA4A monoclonal antibody (M01A), clone 2E11

Catalog Number: H00007277-M01A

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant TUBA4A.

Clone Name: 2E11

Immunogen: TUBA4A (AAH09238, 1 a.a. ~ 448 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRECISVHVGGQAGVQMGNACWELYCLEHGIQPDGQ
MPSDKTIGGGDDSFSTFFCETGAGKHVPRAVFDLEP
TVIDEIRNGPYRQLFHPEQLITGKEDAANNYARGHYTI
GKEIIDPVLDRIRKLSDQCTGLQGFLVFHSFGGGTGSG
FTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYN
SILTTHTTLEHSDCAFMDNEAIYDICRRNLDIERPTYT
NLNRLISQIVSSITASLRFDGALNVDLTEFQTNLVPYPRI
HFPLATYAPVISA EKAYHEQLSVAEITNACFEPANQMV
KCDPRHGKYM ACCLLYRGDVVPKDVNAAIAAIKTKRSI
QFVDWCPTGFKVGINYQPPTVPPGGDLAKVQRAVCM
LSNTTAAIEAWARLDHKFDLMYAKRAVHWYVGEEM
EEGEFSEAREDMAALEKDYEEVGIDSYEDEDEGEE

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7277

Gene Symbol: TUBA4A

Gene Alias: FLJ30169, H2-ALPHA, TUBA1

Gene Summary: 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. [provided by RefSeq]