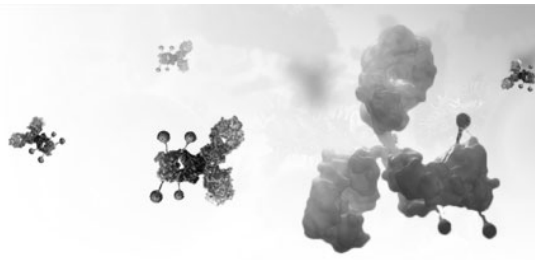

# Anti-TUBB4A monoclonal antibody, clone 7F4 (DCABH-991)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Mouse monoclonal to beta IV Tubulin |
| **Antigen Description** | Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. |
| **Immunogen** | Full length Human recombinant beta IV Tubulin protein produced in HEK293T cells (NP_006078). |
| **Isotype** | IgG2b |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 7F4 |
| **Purity** | Protein A purified |
| **Purification** | Purified from Mouse ascites fluids |
| **Conjugate** | Unconjugated |
| **Applications** | WB, Flow Cyt |
| **Positive Control** | HEK293T cells transfected with beta IV Tubulin, Jurkat cells, HeLa cells |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | pH: 7.20; Preservative: 0.02% Sodium azide; Constituents: 50% Glycerol, 1% BSA, 48% PBS |

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| | |
|---|---|
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | store at -20°C. Avoid repeated freeze / thaw cycles. |
| **Ship** | Shipped at 4°C. |

# GENE INFORMATION

| | |
|---|---|
| **Gene Name** | TUBB4A tubulin, beta 4A class IVa [ Homo sapiens ] |
| **Official Symbol** | TUBB4A |
| **Synonyms** | TUBB4A; tubulin, beta 4A class IVa; TUBB4, tubulin, beta 4 , tubulin, beta 4 class IVa; tubulin beta-4A chain; beta 5; class IVa beta tubulin; tubulin 5 beta; tubulin, beta, 5; tubulin beta-4 chain; class IVa beta-tubulin; tubulin, beta 4 class IVa; TUB |
| **Entrez Gene ID** | 10382 |
| **Protein Refseq** | NP_006078 |
| **UniProt ID** | P04350 |
| **Chromosome Location** | 19p13.3 |
| **Pathway** | Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; G2/M Transition, organism-specific biosystem; |
| **Function** | GTP binding; GTPase activity; nucleotide binding; protein binding; structural molecule activity; |

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