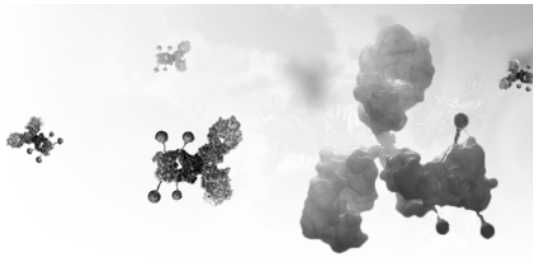

Anti-TUBB3 monoclonal antibody, clone FQ2670Z (DCABH-9080)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to beta III 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. TUBB3 plays a critical role in proper axon guidance and mantainance.
Immunogen	A synthetic peptide corresponding to the C-term of human class III ?-Tubulin was used as immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human, Zebrafish
Clone	FQ2670Z
Conjugate	Unconjugated
Applications	WB, IP, ICC, Flow Cyt, IHC-P
Positive Control	HeLa cytoplasmic lysate and Human breast carcinoma tissue
Format	Liquid
Size	40 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Storage	store at -20°C. Avoid freeze / thaw cycles.

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Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	TUBB3 tubulin, beta 3 class III [Homo sapiens]
Official Symbol	TUBB3
Synonyms	TUBB3; tubulin, beta 3 class III; tubulin, beta 3; tubulin beta-3 chain; beta 4; class III beta tubulin; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin; CDCBM; TUBB4; beta-4; CFEOM3A;
Entrez Gene ID	10381
Protein Refseq	NP_001184110
UniProt ID	Q13509
Chromosome Location	16q24.3
Pathway	Chaperonin-mediated protein folding, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; structural molecule activity;

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