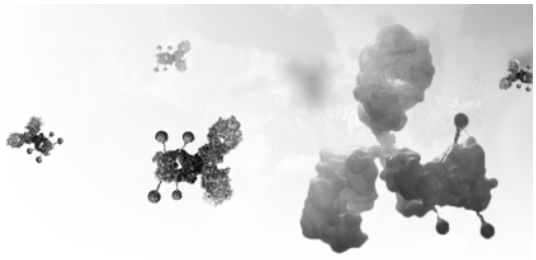

Human TUBB blocking peptide (DAG-P1320)

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

PRODUCT INFORMATION

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.
Specificity	Ubiquitously expressed with highest levels in spleen, thymus and immature brain.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the tubulin family.
Format	Liquid
Buffer	Information available upon request.
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TUBB tubulin, beta class I [Homo sapiens (human)]
Official Symbol	TUBB
Synonyms	TUBB; tubulin, beta class I; M40; TUBB1; TUBB5; OK/SW-cl.56; tubulin beta chain; beta1-tubulin; beta 5-tubulin; beta-4 tubulin; beta Ib tubulin; class I beta-tubulin; tubulin beta-1 chain; tubulin beta-5 chain; tubulin beta polypeptide; tubulin, beta polypeptide;
Entrez Gene ID	203068

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mRNA Refseq	NM_178014.2
Protein Refseq	NP_821133.1
UniProt ID	P07437
Chromosome Location	6p21.33
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Gap junction, organism-specific biosystem; Gap junction, conserved biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosyst
Function	GTP binding; GTPase activating protein binding; GTPase activity; MHC class I protein binding; protein binding; protein complex binding; protein domain specific binding; structural constituent of cytoskeleton; structural molecule activity;

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