



Anti-Tubulin monoclonal antibody, clone C4 (DCABH-380)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Tubulin - Polyglutamylated
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	Purified sea urchin (<i>Lytechinus pictus</i>) sperm axonemal proteins.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	N/A
Clone	C4
Conjugate	Unconjugated
Applications	ELISA, WB, ICC
Positive Control	The epitope recognized by the antibody is localized in the C-terminal region of alpha and beta tubulins (the glutamylated motif at amino acid 445-457 of alpha tubulin).
Format	Liquid
Size	100 µl
Buffer	Preservative: 15mM Sodium Azide; Constituents: 1% BSA, 0.01M PBS, pH 7.4
Preservative	15mM Sodium Azide
Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	Tuba1b tubulin, alpha 1B [Mus musculus]
Official Symbol	Tuba1b
Synonyms	TUBA1B; tubulin, alpha 1B; tubulin alpha-1B chain; alpha-tubulin 2; tubulin, alpha 2; tubulin alpha-2 chain; alpha-tubulin isotype M-alpha-2; Tuba2; MGC102558; MGC117866; MGC118411;
Entrez Gene ID	22143
Protein Refseq	NP_035784
UniProt ID	P05213
Pathway	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; Gap junction, organism-specific biosystem; Gap junction, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Phagosome, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; structural molecule activity;