

Product datasheet for TA328042

TUBA6 (TUBA1C) Mouse Monoclonal Antibody [Clone ID: 10D8]

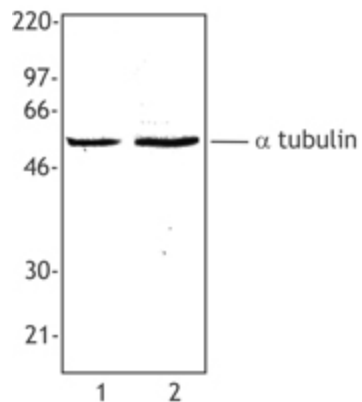
Product data:

Product Type:	Primary Antibodies
Clone Name:	10D8
Applications:	WB
Recommend Dilution:	WB, IF
Reactivity:	All Species, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgM, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant full length human α -tubulin
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide at 0.5 mg/ml.
Concentration:	0.5 mg/ml
Purification:	This antibody is at >85% purity.
Predicted Protein Size:	50-55 kD
Gene Name:	tubulin alpha 1c
Database Link:	NP_116093 Entrez Gene 22146 MouseEntrez Gene 300218 RatEntrez Gene 84790 Human
Background:	Tubulin, one of the major constituents of microtubules, is a dimeric protein consisting of an alpha and beta chain. Tubulin is a highly conserved protein that is ubiquitously expressed. Tubulin is a GTP-binding protein that can be modified by phosphorylation and acetylation. Tubulin interacts with a variety of proteins including RAC GTPase activating protein 1, ZAP70, Polo-like kinase, c-Myc, Fyn, and microtubule associated protein 1A. The 10D8 antibody recognizes α -tubulin in all species and is useful for Western blotting, and immunofluorescence staining. The 10D8 antibody can also be used to monitor protein loading in Western blotting.
Synonyms:	bcm948; TUBA6
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection



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Product images:



Hela cell extract (Lane 1) or NIH3T3 cell extract (Lane 2) was resolved by electrophoresis, transferred to nitrocellulose and probed with monoclonal anti- α -tubulin (Clone 10D8) antibody. Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.