

Product datasheet for **AM20680PU-N**

gamma Tubulin (TUBG1) Mouse Monoclonal Antibody [Clone ID: IMD-20]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IMD-20
Applications:	WB
Recommended Dilution:	Western Blot: 0.25 - 0.5 µg/ml.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic gamma-tubulin peptide (amino acids 38-53), conjugated to KLH.
Specificity:	This antibody reacts to Tubulin gamma 1.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tubulin gamma 1
Database Link:	Entrez Gene 252921 Rat Entrez Gene 7283 Human P23258



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Background:	Gamma-tubulin is a universal component of microtubule organizing centers, which is essential for nuclear division and microtubule assembly in <i>Aspergillus nidulans</i> . TUBG1 mapped to within 20 kb of TUBG2 at 17q21. gamma-tubulin is a minor protein, present at less than 1% the level of alpha-and beta-tubulin, and is limited to the centrosome. Gamma-tubulin is present in <i>Drosophila melanogaster</i> and <i>Homo sapiens</i> .
Synonyms:	Tubulin gamma-1 chain, Gamma-1-tubulin, GCP-1
Protein Families:	Druggable Genome