

## Product datasheet for **AM20678PU-N**

### alpha Tubulin (TUBA1A) Mouse Monoclonal Antibody [Clone ID: Tub-1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Tub-1
Applications:	IHC, IP, WB
Recommended Dilution:	Western Blot: 2 µg/ml. Immunohistochemistry on paraffin sections: 1 - 2 µg/ml.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Microtubules from chicken embryo brain
Specificity:	This antibody reacts to TUBA1A / TUBA3.
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 alpha 1a
Database Link:	<a href="#">Entrez Gene 64158 Rat</a> <a href="#">Entrez Gene 7846 Human</a> <a href="#">Q71U36</a>



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- Background:** Alpha-tubulin (b-alpha-1) mRNA is expressed only in brain with a molecular weight of about 55,000. The 3-prime UTR of b-alpha-1 is more than 80% homologous to the UTR of the rat brain alpha-tubulin gene, IL-alpha-T1. B-alpha-1 encodes a predicted 451-amino acid protein that is 100% identical to the rat homolog and differs by only 2 and 3 amino acids from the pig and chicken homologs, respectively.
- Synonyms:** Tubulin alpha-1A chain, Tubulin B-alpha-1, Tubulin alpha-3 chain, Alpha-tubulin 3
- Protein Families:** Druggable Genome
- Protein Pathways:** Gap junction, Pathogenic Escherichia coli infection
- Product images:**

