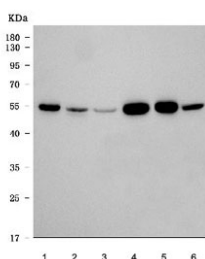


## Alpha Tubulin Antibody / TUBA1A [clone DM1A] (R30095)

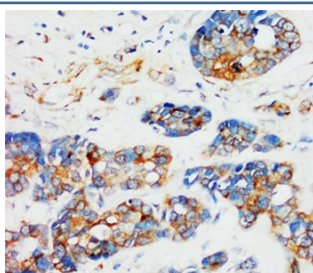
Catalog No.	Formulation	Size
R30095	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat, Chicken
<b>Format</b>	Ascites
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	DM1A
<b>Purity</b>	Unpurified ascites
<b>UniProt</b>	P68366
<b>Applications</b>	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This Alpha Tubulin antibody is available for research use only.



Western blot testing of 1) human SH-SY5Y, 2) human Jurkat, 3) human A549, 4) rat brain, 5) mouse brain and 6) mouse thymus tissue lysate with Alpha Tubulin antibody. Predicted molecular weight ~50 kDa.



IHC-P: Alpha Tubulin antibody testing of human breast cancer tissue.

## Description

Alpha-tubulin (b-alpha-1) mRNA is expressed at a molecular weight of about 50-55,000D. The 3-prime UTR of the protein is more than 80% homologous to the UTR of the rat brain alpha-tubulin gene IL-alpha-T1. Alpha tubulin is 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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Alpha Tubulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Microtubules from chicken embryo brain was used as the immunogen for this Alpha Tubulin antibody.

## Storage

After reconstitution, the Alpha Tubulin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.