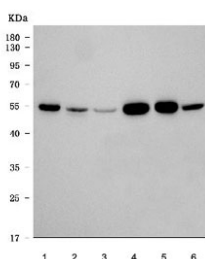


## Alpha Tubulin Antibody / TUBA1A [clone DM1A] (R30095)

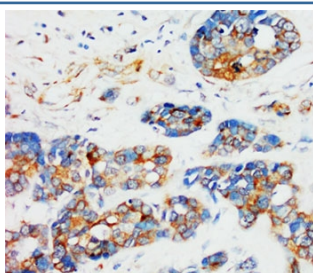
| Catalog No. | Formulation                                                                            | Size   |
|-------------|----------------------------------------------------------------------------------------|--------|
| R30095      | 0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted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

[Bulk quote request](#)

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Availability       | 1-3 business days                                                 |
| Species Reactivity | Human, Mouse, Rat, Chicken                                        |
| Format             | Ascites                                                           |
| Clonality          | Monoclonal (mouse origin)                                         |
| Isotype            | Mouse IgG1                                                        |
| Clone Name         | DM1A                                                              |
| Purity             | Unpurified ascites                                                |
| UniProt            | P68366                                                            |
| Applications       | Western Blot : 1-2ug/ml<br>Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations        | 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.