

## Product Datasheet

### Tubulin alpha antibody (orb344425)

**Description**

Tubulin alpha antibody

**Species/Host**

Mouse

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested**

ELISA, IF, IHC, Multiplex Assay, WB

**Applications**
**Immunogen**

Anti-Tubulin Loading Control Antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues near the C terminal end of human alpha tubulin protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store Anti-Tubulin Antibody at -20° C prior to opening. Aliquot Loading Control Antibody and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge Tubulin Loading Control Antibody if not completely clear after standing at room temperature. This Anti-Tubulin Loading Control Antibody is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

Anti-Tubulin Antibody has been tested for use in ELISA, immunohistochemistry, immunofluorescence microscopy and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at ~50 kDa in size corresponding to alpha tubulin by western blotting in most cell lysates or extracts.

**Isotype**

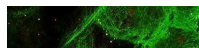
IgG1

**Clonality**

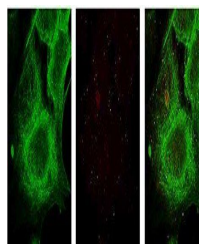
Monoclonal

**Purity**

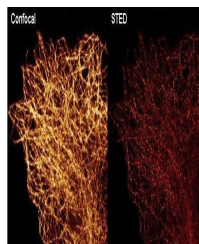
Anti-Tubulin Loading Control Antibody was purified by Protein A chromatography. This Loading Control antibody is directed against alpha tubulin. A BLAST analysis was used to suggest antibody reactivity with alpha tubulin from a wide range of organisms, including avian, mammalian aquatic, parasitic and alga sources based on 100% homology for the immunogen sequence. Cross reactivity will occur with all isoforms of alpha tubulin. Such broad reactivity makes this antibody useful as an excellent



Immunofluorescence analysis of MCF-7 cell...



Immunofluorescence analysis of MCF-7 cell...



Immunofluorescence analysis of A459 cell...

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**Dilution Range**

ELISA: 1:300,000, IHC: 2.5 µg/mL, IF: 0.1 µg/mL, WB: 1:1,000