

Anti- α - tubulin Monoclonal Antibody

PRODUCT NAME: Anti- α -tubulin Monoclonal Antibody

CATALOG NUMBER: U33-139A

LOT NUMBER: U33022

ISOTYPE: Mouse IgG1

Clone NO: 1B20

SOURCE: Mouse Ascites

QUANTITY: 100ul/400ul

DESCRIPTION: Monoclonal antibody is produced by immunizing mouse with synthetic peptide [AALEKDYEEVGVDSVEGEGEEEGEE], coupled to KLH.

REACTIVITY: human, mouse, African green monkey

APPLICATIONS: Western Blot, Immunoprecipitation

BUFFER: 1×PBS with 50% glycerol

PROTEIN CONCENTRATION: 0.5 mg/ml

APPLICATION NOTES: Western Blot: 0.5 μ g/ml

STORAGE/STABILITY: Antibody is recommended being stored at -20°C. Avoid repeated freeze-thaw cycle.

Background:

Tubulin is one of several members of a small family of globular proteins. The most common members of the tubulin family are α -tubulin and β -tubulin, the proteins that make up microtubules. Each has a molecular weight of approximately 55 kiloDaltons. Microtubules are assembled from dimers of α - and β -tubulin.