

Monoclonal Anti- α -tubulin-peroxidase(HRP) Conjugated

PRODUCT NAME: Monoclonal Anti- α -tubulin-peroxidase(HRP) Conjugated

CATALOG NUMBER: U33-239A-S

LOT NUMBER: U33022

ISOTYPE: Mouse IgG1

Clone NO: 1B20

SOURCE: Mouse Ascites

QUANTITY: 100 μ l

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

REACTIVITY: human, mouse, African green monkey

APPLICATIONS: Western Blot

BUFFER: 10mM sodium phosphate, 150mM sodium chloride, pH 7.4 with 50% glycerol

PROTEIN CONCENTRATION: approximately 1 mg/ml

RECOMMENDED ANTIBODY DILUTION: Western Blot: 1:4000

STORAGE/STABILITY: Antibody-HRP is recommended being stored at -20 $^{\circ}$ C.

Background:

Tubulin is the major building block of microtubules. This intracellular, cylindrical, filamentous structure is present in almost all eukaryotic cells. Tubulin is a heterodimer that consists of α -tubulin and β -tubulin. Our anti- α -tubulin monoclonal antibody provides a specific and useful tool in studying the intracellular distribution of tubulin and the static and dynamic aspects of the cytoskeleton.