

#M20023

β -Tubulin(C66) Mouse mAb (HRP Conjugated)



☐ 50 μ l

☐ 100 μ l

☐ 200 μ l

Orders 400-6123-828

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BACKGROUND

Tubulin is a major cytoskeleton component that has five distinct forms, designated α , β , γ , δ and ϵ Tubulin. α and β Tubulins form heterodimers which multimerize to form a microtubule filament. There are five β Tubulin isoforms (β 1, β 2, β 3, β 4A and β 4B) that are expressed in mammalian tissues. β 1 and β 4 are present throughout the cytosol, β 2 is present in the nuclei and nucleoplasm, and β 3 is a neuron-specific cytoskeletal protein. γ Tubulin forms the gammasome, which is required for nucleating microtubule filaments at the centrosome. Both δ Tubulin and ϵ Tubulin are associated with the centrosome. δ Tubulin is a homolog of the Chlamydomonas δ Tubulin Uni3 and is found in association with the centrioles, whereas ϵ Tubulin localizes to the pericentriolar material. ϵ Tubulin exhibits a cell cycle-specific pattern of localization; first associating with only the older of the centrosomes in a newly duplicated pair, and later associating with both centrosomes.

Anti- β -Tubulin mAb (HRP Conjugated) is a monoclonal anti- β -Tubulin antibody covalently linked to horseradish peroxidase.

SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a protein fragment within the carboxy terminus of human beta-tubulin.

SPECIFICITY

beta-Tubulin (C66) Mouse mAb detects endogenous levels of total β -tubulin protein.

STORAGE

Store at -20°C Stable for one year from the date of shipment.

REACTIVITY

All

ISOTYPE

Mouse IgG1

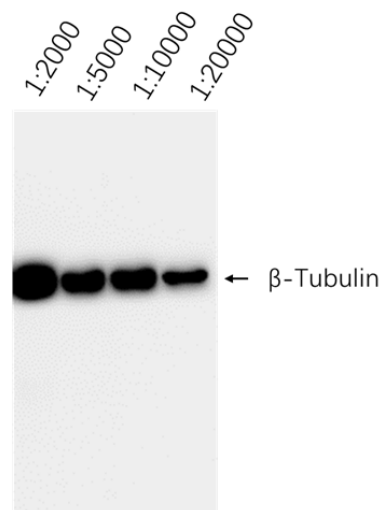
IMPORTANT

Use an anti-MOUSE secondary antibody to detect the 12G8 antibody.

RECOMMENDED ANTIBODY DILUTIONS

Western blotting	1:5000
ELISA	1:2000 -1:5000

APPLICATION



Western blot analysis of HeLa cell lysate, using Abmart beta-Tubulin (HRP Conjugated) Mouse mAb.

COMPANION PRODUCTS

#M20001 His-Tag (2A8) Mouse mAb

#M20002 Myc-Tag (19C2) Mouse mAb

#M20003 HA-Tag126011) Mouse mAb

#M20004 GFP-Tag (7G9) Mouse mAb

#M20007 GST-Tag (12G8) Mouse mAb

#M20012 Anti-Myc-Tag Mouse mAb (Agarose Conjugated)

#M20013 Anti-HA-Tag Mouse mAb (Agarose Conjugated)

#M20018 Anti-DYKDDDK-Tag Mouse mAb (Agarose Conjugated) IBinds to same epitope as Sigma S Anti-FLAG M2 Antibody)