HRP Conjugated Anti-beta Tubulin Antibody [JF41-50] ET1702-68

Species reactivity: Human, Mouse, Rat Applications: WB Molecular Wt: Predicted band size: 50 kDa Clone number: JF41-50 Description: Tubulin is a major cytoskeleton component that has five distinct forms, designated α, β, γ, δ and e Tubulin. α and β Tubulins form heterodimers which multimerize to form a microtubule filament. Multiple β Tubulin isoforms (β1, β2, β3, β4, β5, β6 and β8) have been characterized and are expressed in mammalian tissues. β1 and β4 are present throughout the cytosol, β2 is present in the nuclei and nucleoplasm, and β3 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 e Tubulin are associated with the centrosome. δ Tubulin is a homolog of the Chlamydomonas δ Tubulin Uni3 and is found in association with the centrosome. Both δ Tubulin and e Tubulin are associating with only the older of the centrosomes in a newly duplicated pair and later associating with both centrosomes. Conjugate: HRP-conjugated mmunogen: Synthetic peptide within Human beta Tubulin as 308-357 / 444. Positive control: Hela cell lysate, PC-12 cell lysate, NIH/3T3 cell lysate. Subcellular location: Cytoskeleton. Database links: SwissProt: P07437 Human P99024 Mouse P69897 Rat Recommended Dilutions: WB 1:10,000-1:50,000 Storage Buffer: 1'TBS (pH7.4), 0.05% BSA, 40% Glycerol. Storage		
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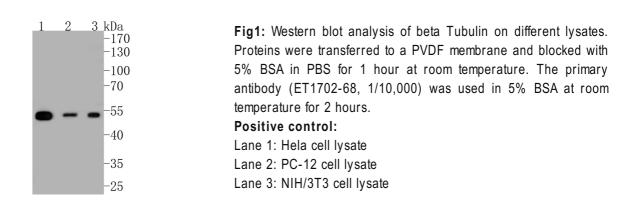


11.

Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

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Images



Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

- 1. Hedberg ML et al. Genetic landscape of metastatic and recurrent head and neck squamous cell carcinoma. J Clin Invest 126:169-80 (2016).
- 2. Huang R et al. The role of HDAC2 in chromatin remodelling and response to chemotherapy in ovarian cancer. Oncotarget 7:4695-711 (2016).

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