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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Purified Mouse Anti-BetaIII Tubulin Monoclonal Antibody

CLX108AP

Lot:

Clone: TU-20

Isotype: Mouse IgG1

Specificity: The antibody TU-20 recognizes C-terminal peptide sequence ESESQGPK (aa 441-448) of neuron-specific human betaIII-tubulin.

Regulatory Status: RUO

Immunogen: Peptide (C) 441-448 coupled to maleimide-activated keyhole limpet hemocyanin via cysteine added to the N-terminus of the neuron-specific peptide.

Species Reactivity: Broad species reactivity

Concentration: 1 mg/ml

Purification: Purified by ammonium sulphate and caprylic acid precipitation

Purity: > 95% (by SDS-PAGE)

Application:

Flow Cytometry

Western Blotting

Recommended dilution: 1-2 µg/ml, 90 min

Positive control: Porcine brain lysate

Negative control: HPB-ALL human peripheral blood leukemia cell line

Sample preparation: Mix lysate with reducing Laemmli SDS-PAGE sample buffer.

Application note: Reducing conditions.

Immunohistochemistry (paraffin sections)

Recommended dilution: 10 µg/ml

Staining technique: Standard ABC technique (DAB+)

Pretreatment: 0.1% pepsin (trypsin) in 0.1 M HCl; incubation 30 min in RT; or High temperature citrate buffer antigen retrieval Positive tissue: neuronal tissue

Immunocytochemistry

Positive material: Neuro2a mouse neuroblastoma cell line

Continued...

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- Storage Buffer:** Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
- Storage / Stability:** Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
- Background:** The betaIII-tubulin isoform is present dominantly in cells of neuronal origin and it is one of the earliest markers of neuronal differentiation. It is regarded as a specific probe for the cells of neuronal origin as well as for the tumours originating from these cells. The betaIII-tubulin is most abundant in cells of neuronal origin, but was also detected in Sertoli cells of the testis and transiently in non-neuronal embryonic tissues.
- References:**
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Laboratory Reagent For Research Use Only