

TUBB3 monoclonal antibody, clone TU-20 (FITC)

Catalog # MAB5030

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of TUBB3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 441-448 of TUBB3.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes C-terminal peptide sequence ESESQGPK (aa 441-448) of neuron-specific human betaIII-tubulin.
Form	Liquid
Conjugation	FITC
Concentration	1 mg/mL
Isotype	IgG1
Recommend Usage	Immunocytochemistry (1:40) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunocytochemistry

Publication Reference

- [A high throughput embryonic stem cell screen identifies Oct-2 as a bifunctional regulator of neuronal differentiation.](#)
Theodorou E, Dalember G, Heffelfinger C, White E, Weissman S, Corcoran L, Snyder M.
Genes & Development 2009 Mar; 23(5):575.
- [Expression of class III beta-tubulin in malignant epithelial tumours: an immunohistochemical study using TU-20 and TuJ-1 antibodies.](#)
Jirasek T, Pisarikova E, Viklicky V, Mandys V.
Folia Histochemica et Cytobiologica 2007 Mar; 45(1):41.
- [Complexes of gamma-tubulin with nonreceptor protein tyrosine kinases Src and Fyn in differentiating P19 embryonal carcinoma cells.](#)
Kukharskyy V, Sulimenko V, Macurek L, Sulimenko T, Draberova E, Draber P.
Experimental Cell Research 2004 Aug; 298(1):218.