



IHCeasy TUBB3 Ready-To-Use IHC Kit

Catalog Number: KHC0042

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Mouse Monoclonal

Secondary antibody type: Polymer-HRP-Goat anti-Mouse

Kit Component

Antigen Retrieval Buffer 100 mL	50×
Washing Buffer 100 mL × 2	20×
Blocking Buffer 5 mL	RTU
Primary Antibody 5 mL	RTU
Secondary Antibody 5 mL	RTU
Chromogen Component A 0.2 mL	RTU
Chromogen Component B 4 mL	RTU
Signal Enhancer 5 mL	RTU
Counter Staining Reagent 5 mL	RTU
Mounting Media 5 mL	RTU
Control Slide 1 slide (Optional)	FFPE
Datasheet 1 Copy	
Manual 1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

TUBB3, the class III β tubulin or Tuj1, is selectively expressed in testis and neurons of the central and peripheral nervous system. It has been widely used as a marker for neurons. Aberrant expression of TUBB3 has also been found in various tumors of non-neural origin and can be used as a biomarker for cancer aggressiveness and a marker for the tendency to respond poorly to chemotherapy. This kit is specific to TUBB3 but not cross-react with other tubulins.

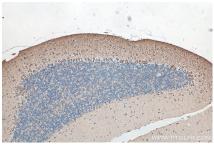
Synonyms

beta 4, beta tubulin, MC1R, TUBB, TUBB 3, TUBB3, TUBB3-specific, Tubulin beta 3 chain, Tubulin beta III, tubulin, beta 3, Tuj1

Selected Validation Data



Immunohistochemical analysis of paraffinembedded rat brain tissue slide using KHC0042 (TUBB3 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse cerebellum tissue slide using KHC0042 (TUBB3 IHC Kit).