

Tubulin β 3 (AB1874) mouse mAb

W0258

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- WB; IF; ELISA

MW

- 55 kDa (calculated)
- 50 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:1000-1:5000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1874
Immunogen	A synthetic peptide corresponding to the amino acid region 400 - 450 of the human Tubulin β 3 protein.
Specificity	This antibody detects endogenous levels of Tubulin β 3.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	TUBB3 TUBB4		
Protein Name	Tubulin β 3		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q13509	10381

Background	tubulin beta 3 class III (TUBB3) Homo sapiens This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Oct 2010],
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