Biotin Conjugated-βIII-Tubulin Mouse mAb

Catalog NO.: A18132BC

Basic Information

Observed MW

Calculated MW
50 kDa

Category
Monoclonal Antibodies

Applications
IHC-P

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Biotin

Clone number
AMC0115

Background

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.

Recommended Dilutions

IHC-P	1:50 - 1:400

Immunogen Information

Gene ID
10381

Swiss Prot
Q13509

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A

Contact

Product Information

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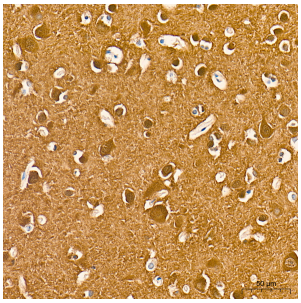
Source
Mouse

Isotype
IgG2b,kappa

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using Biotin Conjugated-βIII-Tubulin Mouse mAb (A18132BC) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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