Anti-Beta Tubulin Class III Alexa Fluor® 488

Catalog Number: 53-4510

Also known as: TUBB3


Product Information

Contents: Anti-Beta Tubulin Class III Alexa Fluor® 488
Catalog Number: 53-4510
Clone: 2G10-TB3
Concentration: 0.5 mg/mL
Host/Isotype: Mouse IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide

Description

The 2G10 monoclonal antibody recognizes beta tubulin class III, a member of the large family of tubulins that are components of the microtubules of the cytoskeletal network. Beta tubulin class III expression is exclusively found in neuronal cells of adult mammals. Although expression has been mainly found in neuronal cells, during fetal development, transient expression has been documented in both glial and neuronal precursors localized to the subventricular zone. Identification of beta tubulin class III expression is useful as a structural marker for developing and mature neural cells. Given the high degree of conservation of this protein across species, the 2G10 clone is expected to recognize human, mouse, rat, and bovine beta tubulin class III.

Applications Reported

This 2G10-TB3 antibody has been reported for use in immunohistochemical staining of frozen tissue sections, immunohistochemical staining of formalin-fixed paraffin embedded tissue sections, microscopy, and immunocytochemistry.

Applications Tested

This 2G10-TB3 antibody has been tested by immunocytochemistry of formaldehyde-fixed and permeabilized cells and can be used at less than or equal to 10 μg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References


Related Products

00-4953 IHC /ICC Blocking Buffer - Low Protein
00-4954 20X TBS Wash Buffer for IHC/ICC
00-4959 Fluoromount-G™, with DAPI
44-0404 StainTray™
53-4724 Mouse IgG2a K Isotype Control Alexa Fluor® 488 (eBM2a)

Legal

Alexa Fluor® is a registered trademark of and licensed under patents assigned to Molecular Probes, Inc. for research use only. This product is subject to an agreement between Molecular Probes, Inc. and eBioscience, and the manufacture, use, sale or import of this product may be subject to one or more U.S. patents, pending applications and corresponding foreign equivalents, owned by Molecular Probes, Inc. (a wholly owned subsidiary of Invitrogen Corp). The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product for life science research or as an ASR. The buyer cannot use this product for manufacturing or for any other screening (specifically including use in combination with microarrays or High Content Screening) or testing purpose, other than as an ASR. For information on purchasing a license to this product for purposes other than life science research or use as an ASR, contact Molecular Probes, Inc.

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.
Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com • info@ebioscience.com