

Anti-Monkey NeuN mAb

Catalog No.: A28654

Basic Information

Observed MW

Calculated MW

34 kDa/35 kDa

Category

Primary antibody

Applications

IHC-P

Cross-Reactivity

Cynomolgus monkey

CloneNo number

AMC50122-01

Background

This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.

Recommended Dilutions

IHC-P 1:1000 - 1:4000

Immunogen Information

Gene ID

101867210

Swiss Prot

A6NFN3

Immunogen

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

Synonyms

FOX3; NEUN; FOX-3; HRNBP3

Contact

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Product Information

Source

Mouse

Isotype

IgG1. Rabbit-derived mouse chimeric antibody

Purification

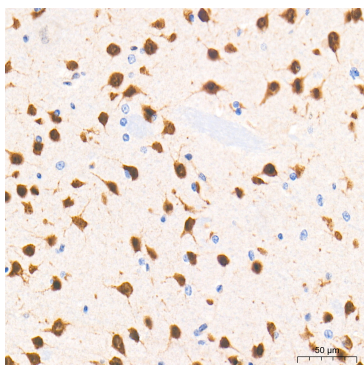
Affinity purification

Storage

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

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey brain tissue using Anti-Monkey NeuN mAb (A28654) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.