
NeuN Recombinant Rabbit mAb

Catalog Number: bsm-52268R

Target Protein: NeuN

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 12C3

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:200-500), IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 34 kDa

Entrez Gene: 146713

Swiss Prot: A6NFN3

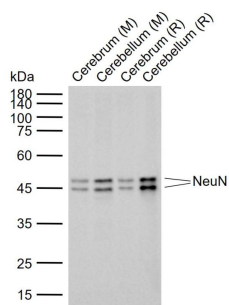
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

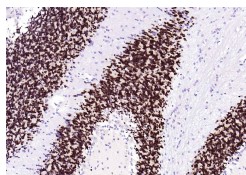
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, May 2017]

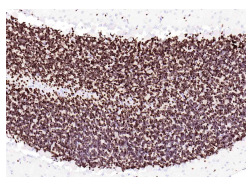
VALIDATION IMAGES



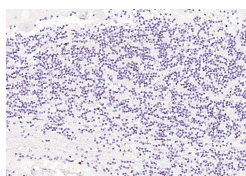
Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Cerebellum tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Cerebellum tissue lysates Primary: Anti-NeuN (bsm-52268R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 45,48 kDa



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NeuN) Monoclonal Antibody, Unconjugated (bsm-52268R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023)instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NeuN) Monoclonal Antibody, Unconjugated (bsm-52268R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023)instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NeuN) Monoclonal Antibody, Unconjugated (bsm-52268R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023)instructionsand DAB staining.