

bsm-52268R**[Primary Antibody]**

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NeuN Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit**Clonality:** Recombinant**GeneID:** 146713**Target:** NeuN**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

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]

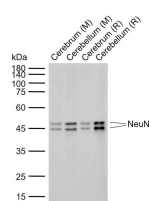
Isotype: IgG**CloneNo.:** 12C3**SWISS:** A6NFN3**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**Reactivity:** Human, Mouse, Rat

Predicted
MW.: 34 kDa

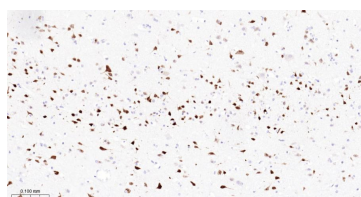
Observed
MW.: 45,48 kDa

Subcellular
Location: Cytoplasm ,Nucleus

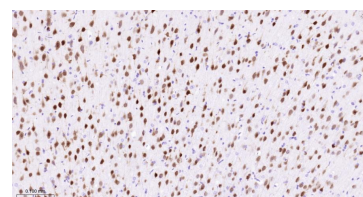
— VALIDATION IMAGES —



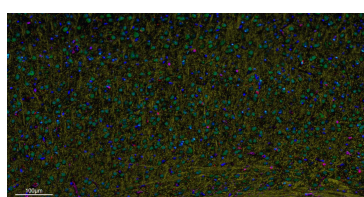
Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates Lane 3:
Rat Cerebrum tissue lysates Lane 4: Rat
Cerebellum tissue lysates Primary: Anti-NeuN
(bsm-52268R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 34 kDa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



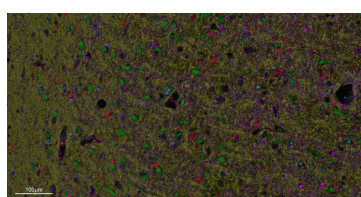
Paraformaldehyde-fixed, paraffin embedded
Human Cerebrum; Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15 min; The
section was incubated with NeuN Monoclonal
Antibody, Unconjugated (bsm-52268R) at 1:200
overnight at 4°C, followed by conjugation to the
bs-0295G-HRP and DAB (C-0010) staining.



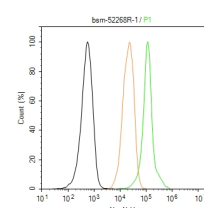
Paraformaldehyde-fixed, paraffin embedded Rat
Cerebrum; Antigen retrieval by boiling in sodium
citrate buffer (pH6.0) for 15 min; The section was
incubated with NeuN Monoclonal Antibody,
Unconjugated (bsm-52268R) at 1:200 overnight
at 4°C, followed by conjugation to the bs-0295G-
HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded
Mouse Cerebrum. Merged staining of anti-GFAP



Paraformaldehyde-fixed, paraffin embedded
Human Cerebrum. Merged staining of anti-GFAP



The SH-SY5Y (H) cells were fixed with 4% PFA (10
min at r.t.) and then permeabilized with 90% ice-

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(bsm-42001R; 1:200; pink) anti-AIF1/Iba1
(bsm-54132R; 1:200; red) anti-NeuN
(bsm-52268R; 1:200; green) anti-MBP
(bsm-33932M; 1:200; yellow) and anti-Olig2
(bsm-61115R; 1:200; light blue) . DAPI (dark blue)
was used as a nuclear counter stain.

(bsm-42001R; 1:200; pink) anti-AIF1/Iba1
(bsm-54132R; 1:200; red) anti-NeuN
(bsm-52268R; 1:200; green) anti-MBP
(bsm-33932M; 1:200; yellow) and anti-Olig2
(bsm-61115R; 1:200; light blue) . DAPI (dark blue)
was used as a nuclear counter stain.

cold methanol for 20 min at -20°C, the cells then
were incubated in 5%BSA to block non-specific
protein-protein interactions (30 min at r.t.),
followed by secondary antibody incubation for
40 min at room temperature. Primary Antibody
(green):Rabbit Anti-NeuN antibody
(bsm-52268R,1:100); Isotype Control (orange):
Rabbit IgG (bs-0295P). Blank control (black):
PBS. Acquisition of 20,000 events was
performed.