

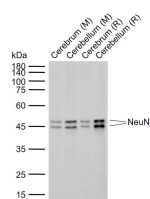
**bsm-52268R****[ Primary Antibody ]****BioSS**  
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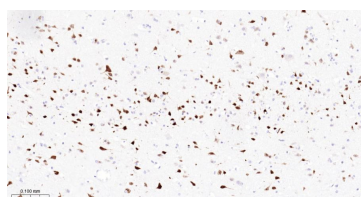
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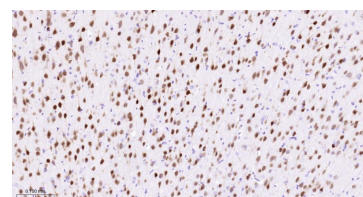
400-901-9800

**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)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 34 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.