

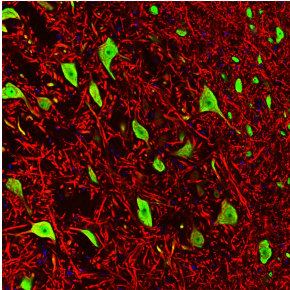
## Anti-NeuN Antibody [1B7] (A85405)

### Specifications:

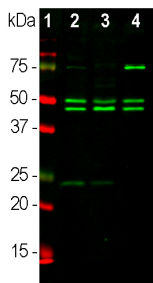
Name:	Anti-NeuN Antibody [1B7]
Description:	Mouse monoclonal [1B7] antibody to NeuN.
Specificity:	The epitope for this antibody is located within the sequence YPPAQYPPPPQNGIPAEYAP, amino acids 5-24 of human FOXP3.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:1,000-1:2,000, IHC: 1:1,000-1:2,000
Reactivity:	Human, Rat, Mouse
Immunogen:	Recombinant construct corresponding to the N-terminal 99 amino acids of human FOX3, expressed in and purified from E. coli.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	1B7
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	46 kDa, 48 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-NeuN Antibody [1B7] (A85405)

### Images:



Immunofluorescent analysis of rat brain stem co-stained with Anti-NeuN Antibody [1B7] (A85405) in green, and Anti-MAP2 Antibody (A85363) in red. Blue is DAPI staining of nuclear DNA. Following transcardial perfusion with 4% paraformaldehyde, the brain was post-fixed for 24 hours, cut to 45  $\mu\text{m}$ , and free-floating sections were stained with the above antibodies. The NeuN antibody selectively stains nuclei and the proximal cytoplasm of neuronal cells while the MAP2 antibody labels dendrites and overlaps with NeuN staining in the perikarya of neurons.



Western blot analysis of whole brain tissue lysates using Anti-NeuN Antibody [1B7] (A85405), dilution 1:1,000, in green. The lanes contain: [1] protein standards (red), [2] adult rat brain, [3] embryonic E20 rat brain, [4] adult mouse brain. Note the strong twin bands corresponding to the two alternate transcripts of the NeuN protein with apparent SDS-PAGE molecular weights of 46 and 48 kDa. As with other NeuN antibodies, an additional band at  $\sim 70$  kDa is revealed in some lysates.