

Product datasheet for **TA389008**

NeuN (RBFOX3) Mouse Monoclonal Antibody [Clone ID: 1B7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B7
Applications:	ICC, IHC, WB
Recommended Dilution:	WB: 1:2000 WB Brain: 1:2000 ICC: 1:200-1:1000
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant protein taken from the N-terminus of human FOX3 expressed in and purified from E. Coli.
Specificity:	Specific for endogenous levels of the ~46/48 kDa FOX3 protein doublet.
Formulation:	PBS + 50% glycerol and 5 mm Na ₃
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	46/48
Gene Name:	RNA binding protein, fox-1 homolog 3
Database Link:	Entrez Gene 146713 Human A6NFN3



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Background:	FOX3, also known as NeuN and hexaribonucleotide binding protein 3, is a neuron-specific RNA binding nuclear protein involved in the regulation of pre-mRNA alternative splicing (Kim et al., 2009). FOX3 dependent alternative splicing of Numb has recently been shown to play an important role in the progression of neuronal differentiation during vertebrate development (Kim et al., 2013).
Synonyms:	Fox-3; Hrnbp3; NeuN; Neun; Neuna60; RGD1560070
Note:	Protein G purified culture supernatant.