

NeuN Recombinant Mouse Monoclonal Antibody (PD01-45)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	PD01-45
Conjugate	Unconjugated
Immunogen	Synthetic peptide within human NeuN aa 20-60/312.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.1% BSA, 40% glycerol
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:50	-
Immunocytochemistry (ICC/IF)	1:50	-

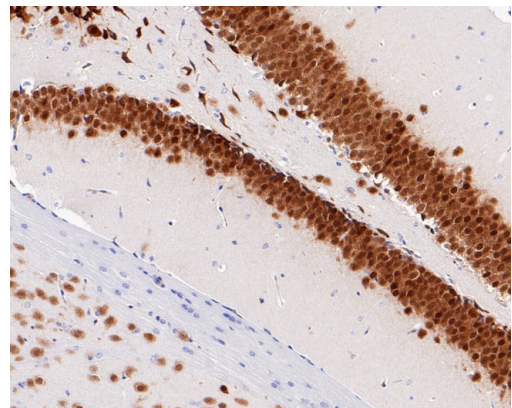
Product Specific Information

Positive control: SH-SY5Y cell lysate, SHG44 cell lysate, Human brain tissue, mouse hippocampus tissue, mouse brain tissue, mouse cerebellum tissue, rat hippocampus tissue, rat brain tissue, rat cerebellum tissue, mouse cerebellum tissue lysates, mouse cerebral cortex tissue.

Predicted band size: 34 kDa

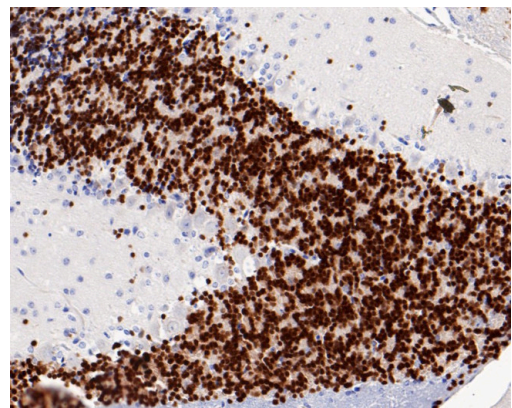
Subcellular Location: Cytoplasm, Nucleus.

Product Images For NeuN Recombinant Mouse Monoclonal Antibody (PD01-45)



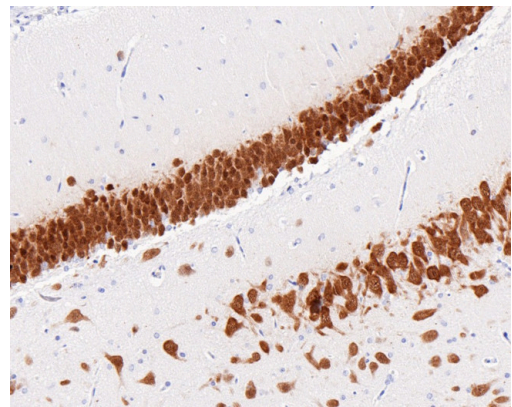
NeuN Antibody (MA5-50648) in IHC (P)

Immunohistochemistry of NeuN in paraffin-embedded mouse hippocampus tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with NeuN recombinant monoclonal antibody (Product # MA5-50648) with a dilution of 1:1,000 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen, and tissues were counterstained with hematoxylin and mounted with DPX.



NeuN Antibody (MA5-50648) in IHC (P)

Immunohistochemistry of NeuN in paraffin-embedded mouse cerebellum tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with NeuN recombinant monoclonal antibody (Product # MA5-50648) with a dilution of 1:1,000 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen, and tissues were counterstained with hematoxylin and mounted with DPX.



NeuN Antibody (MA5-50648) in IHC (P)

Immunohistochemistry of NeuN in paraffin-embedded rat hippocampus tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with NeuN recombinant monoclonal antibody (Product # MA5-50648) with a dilution of 1:1,000 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen, and tissues were counterstained with hematoxylin and mounted with DPX.

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