

## Recombinant Anti-NeuN Rabbit mAb Product Manual

**Cat No: GMA4115**

Source: Rabbit

Reactivity: H, M, R

Applications: WB, IF/IC

\*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

\*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

### Datasheet

Description: Recombinant rabbit monoclonal antibody to NeuN

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within human NeuN. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Monoclonal

Form: Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Dilution: WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)

Gene Symbol: RBFOX3

Alternative Names: RNA binding protein fox-1 homolog 3; Fox-1 homolog C

Entrez Gene (Human): 146713;

Entrez Gene (Mouse): 52897;

SwissProt (Human): A6NFN3;

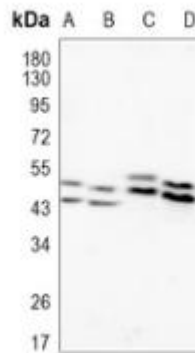
SwissProt (Mouse): Q8BIF2;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

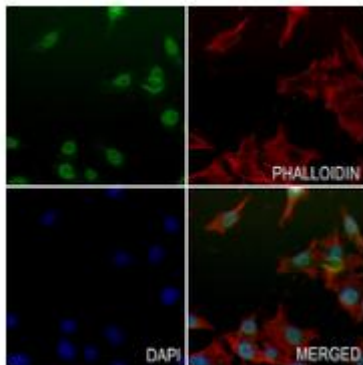
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## Validation



Western blot analysis of NeuN expression in A549 (A), LO2 (B), mouse brain (C), rat brain (D) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 46-55 kD)



Immunofluorescent analysis of NeuN staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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