# Immunoway
Best Tools for immunology Research
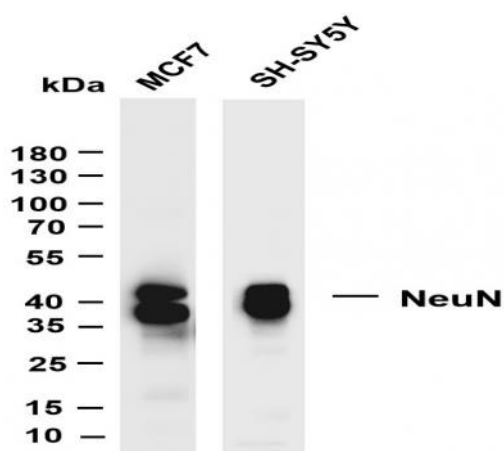
## Nuclear protein(NeuN)(PTR1373)mouse mAb

**Catalog No :** YM4669

**Reactivity :** Human;

**Applications :** WB;IHC;IF;ELISA

**Target :** NeuN

**Gene Name :** RBFOX3

**Protein Name :** NeuN Neuronal Marker

**Human Gene Id :** 146713

**Human Swiss Prot No :** A6NFN3

**Immunogen :** Synthesized peptide derived from human protein. AA range:200-300

**Specificity :** This antibody detects endogenous levels of Nuclear protein(NeuN) protein.

**Formulation :** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

**Source :** Monoclonal,Mouse,IgG2a,kappa

**Dilution :** IHC 1:200-1000.WB 1:500-2000.IF 1:100-500.ELISA 1:1000-5000.

**Purification :** The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 34kD

**Observed Band :** 46kD,48kD

**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]

**Subcellular Location :** Cytoplasmic, Nuclear

## Products Images



Various whole cell lysates were separated by 4%-20% SDS-PAGE, and the membrane was blotted with anti-Nuclear protein(NeuN) (PTR1373) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: SH-SY5Y Predicted band size: 34kDa Observed band size: 40kDa