MAA537Hu28

Monoclonal Antibody to Enolase, Neuron Specific (NSE)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C6

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Mouse

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant NSE (Ser2~Arg285) expressed in *E.coli*

Accession No.: RPA537Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunofluorescence:5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

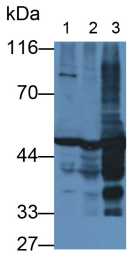
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

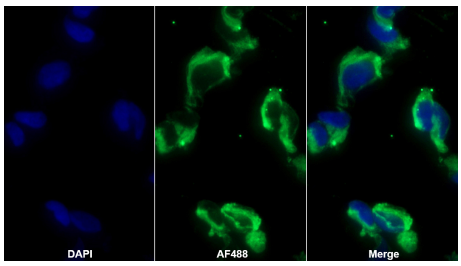
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



Western Blot; Samples: Lane1: Hela cell lysate; Lane2: HepG2 cell lysate; Lane3: Mouse Cerebrum lysate; Primary Ab: 2μg/ml Mouse Anti-Human NSE Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



AF488 staining on IF;
Sample: SH-SY5Y cell
Primary Ab: 20μg/ml Mouse Anti-Human NSE Antibody
Second Ab: 2?g/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.