

MAA500Hu27

Monoclonal Antibody to Nestin (NES)

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: IgG1Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: F1

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: WB; FCM

[IMMUNOGEN]

Immunogen: Recombinant NES (Leu178~Pro399) expressed in *E.coli*

Accession No.: RPA500Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Flow cytometry: 10μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

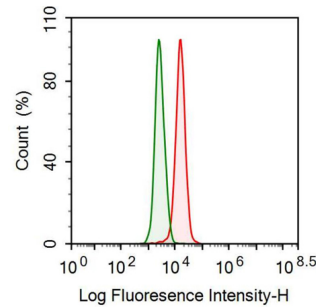
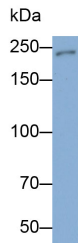
Store at 4°C for frequent use.

Aliquot and store at -20°C 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; Sample: Hela cell lysate	Human SH-SY5Y cell line was fixed
Primary Ab: 0.15µg/ml Mouse Anti-Human NES Antibody	with 2% paraformaldehyde (10 min) ,
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody	permeabilised with 0.1% BSA-Triton X-100,then stained with 10µg/ml mouse
(Catalog: SAA544Mu19)	Anti-human NES Monoclonal Antibody (Catalog MAA500Hu27, red histogram)
	or Isotype control antibody (Catalog IS067-Mu01, green histogram),
	followed by 1µg/ml FITC-conjugated Anti-mouse IgG Secondary Antibody (Catalog SAA544Mu18).

[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.