

**MAA485Hu24**

**Monoclonal Antibody to N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

**FOR RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1 Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** D1

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** IHC

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant NT-ProBNP (His27~Arg102) expressed in *E.coli*

**Accession No.:** RPA485Hu01

**[ APPLICATIONS ]**

Immunohistochemistry: 5-20μg/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.

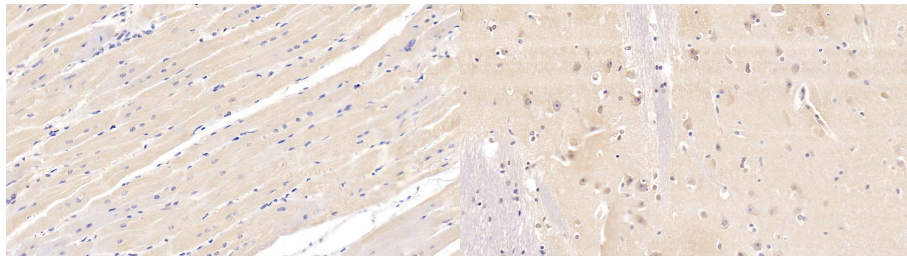
Store at 4°C for frequent use.

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 ]**



|                                      |                                   |
|--------------------------------------|-----------------------------------|
| DAB staining on IHC-P; Samples:      | DAB staining on IHC-P;            |
| Human Cardiac Muscle Tissue; Primary | Samples: Human Cerebrum Tissue;   |
| Ab: 20µg/ml Mouse Anti-Human NT-     | Primary Ab: 20µg/ml Mouse Anti-   |
| ProBNP Antibody Second Ab:           | Human NT-ProBNP Antibody          |
| 2µg/mL HRP-Linked Caprine Anti-      | Second Ab: 2µg/mL HRP-Linked      |
| Mouse IgG Polyclonal Antibody        | Caprine Anti-Mouse IgG Polyclonal |
| (Catalog: SAA544Mu19)                | Antibody                          |
|                                      | (Catalog: SAA544Mu19)             |

### **[ 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.