

**MAA539Hu28** 

Monoclonal Antibody to Myelin Basic Protein (MBP)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



## [PROPERTIES]

**Source:** Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

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

Clone number: C3

Traits: Liquid

Concentration: 1mg/ml

**UOM:** 100µl

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC; IP.

## [ IMMUNOGEN ]

**Immunogen:** Synthetic Peptide, MBP conjugated to OVA. Target peptide sequence:

FGGDRGAPKRGSGKDS.

Accession No.: CPA539Hu21

#### [ APPLICATIONS ]

Western blotting: 0.5-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 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.

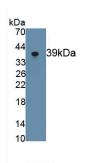
Store at 4°C for frequent use.

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 ]



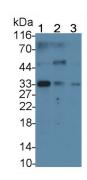


Figure. Western Blot; Sample: Recombinant MBP, Human.

Western Blot; Sample: Lane1: Rat Cerebrum lysate; Lane2: Mouse

Cerebrum lysate; Lane3: Porcine

Cerebrum lysate

Primary Ab: 1?g/ml Mouse Anti-Human

MBP Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal

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.