

MAA543Mu29
Monoclonal Antibody to Immunoglobulin M (IgM)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR IN VITRO USE AND 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/G Affinity Chromatography.

Clone number: C2

Traits: Liquid

Concentration: 500µg/mL

UOM: 10µg

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Synthetic Peptide, IgM conjugated to OVA

Accession No.: CPA543Mu21

Sequence: The target peptide sequence is listed below.

PR DGFSGPAPRK SKLI

[APPLICATIONS]

Western blotting: 0.5-5µg/mL

Immunocytochemistry in formalin fixed cells: 5-30µg/mL

Immunohistochemistry in formalin fixed frozen section: 5-30µg/mL

Immunohistochemistry in paraffin section: 5-30µg/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 12 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.