

MBS2005184

Polyclonal Antibody to Myosin Light Chain 4, Alkali, Atrial, Embryonic (MYL4)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/ml

UOM: 1ml

Cross Reactivity: Rat

Applications: Western Blot (WB); Immunohistochemistry (IHC); Immunocytochemistry (ICC); Immunoprecipitation (IP).

[IMMUNOGEN]

Immunogen: Recombinant MYL4 (Lys4~Val187 (Accession # P09541)) expressed in *E.coli* (**MBS2012197**).

[APPLICATIONS]

Western blotting: 0.01-2ug/mL;

Immunohistochemistry: 5-20ug/mL;

Immunocytochemistry: 5-20ug/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 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: Lane 1: Rat Heart lysate; Lane 2: Mouse Heart lysate Tissue.

Primary Ab: 0.2ug/ml Rabbit Anti-Mouse

MYL4 Antibody Second Ab: 0.2ug/mL

HRP-Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody (Catalog:

MBS2086047)

Western Blot; Sample: Rat Heart

[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.