

# CoraLite® Plus 488-conjugated MYL7 Polyclonal antibody

Catalog Number: **CL488-17283**

## Basic Information

**Catalog Number:**

CL488-17283

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11058

**GenBank Accession Number:**

BC027915

**GeneID (NCBI):**

58498

**UNIPROT ID:**

Q01449

**Full Name:**

myosin, light chain 7, regulatory

**Calculated MW:**

175 aa, 19 kDa

**Observed MW:**

19 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IF-P 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF-P

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

IF-P : mouse heart tissue,

## Background Information

MYL7, also known as myosin light chain 2a (MLC2a), is essential for heart development. The expression of MYL7 in heart is predominately restricted to the atrium. So its expression has been considered as useful marker for atrial cardiomyocytes.

## Storage

**Storage:**

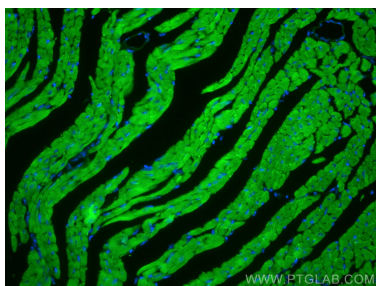
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® Plus 488 MYL7 antibody (CL488-17283) at dilution of 1:200.