

# immunofluorescence analysis of CD31

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## Abstract

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## Materials

primary antibody for CD31 550300 by [Bd](#)

Goat anti-Mouse IgG1 Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 A21121 by [Gibco - Thermo Fischer](#)

## Protocol

### Step 1.

Cut frozen muscle sections (5 mm) in a cryostat on microscope slides.

### Step 2.

The slides were allowed to reach room temperature.

### Step 3.

The slides were permeabilized with 0.3% Triton X-100-PBS for 10 min at 4°C.

### Step 4.

A blocking solution of 5% normal goat serum (NGS)-PBS was applied for 1 h at room temperature.

### Step 5.

Primary antibody (BD Pharmingen (cat. no. 550300; India)) in 1% NGS-PBS was applied at 4°C overnight.

### Step 6.

Three consecutive washes with PBS for 5 min each.

### Step 7.

Secondary antibody (Thermo Fisher (cat. no. A21121)) in 1% NGS-PBS was applied for 30 min at room temperature.