

Product Datasheet

Myosin phospho S19 antibody (orb345407)

Description

Myosin phospho S19 antibody

Species/Host

Rabbit

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

ELISA, IHC, IP, WB

Applications
Immunogen

Human Myosin Light Chain phospho peptide corresponding to a region near the amino terminus of the human smooth/non-muscle form of myosin regulatory light chain conjugated to Keyhole Limpet Hemocyanin (KLH).

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

This phospho specific polyclonal antibody was tested by ELISA, immunohistochemistry, and immunoblotting. Immunoblotting was used to show reactivity with unstimulated and stimulated cardiac myocytes. The antibody was also reactive with the phosphorylated form of the immunizing peptide and minimally reactive with the non-phosphorylated form of the immunizing peptide. Although not tested, this antibody is likely functional by immunoprecipitation.

Isotype

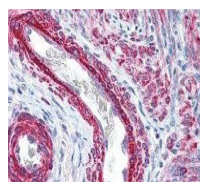
IgG

Clonality

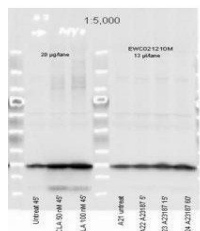
Polyclonal

Purity

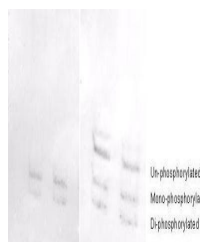
This affinity purified antibody is directed against the regulatory light chain of smooth and non-muscle myosin. The antibody is phosphospecific and detects monophosphorylated and diphosphorylated forms of the protein. The



Immunohistochemical staining of variety ...



Western blot analysis of mouse cardiac m...



Western blot analysis of 3T3 cell lysate...