

ACTA2 Human

*Actin, Alpha 2, Smooth Muscle, Aorta Human Recombinant
RCP0008*

Product Overview

Name ACTA2 Human

Description

Actin, Alpha 2, Smooth Muscle, Aorta Human Recombinant

Accession (Primary) [P62736](#)

Immunogen

Anti-human ACTB mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ACTB amino acids 1-375 purified from E. coli.

Synonyms

Actin Beta, PS1TP5-Binding Protein 1, Beta Cytoskeletal Actin, Actin, Cytoplasmic 1, Beta-Actin, PS1TP5BP1, BRWS1, ACTB.

Introduction

Actin Beta (ACTB) is one of 6 different actin isoforms which have been identified in humans. ACTB is one of the 2 nonmuscle cytoskeletal actins. Actins are highly conserved proteins which are involved in cell motility, structure and integrity. Alpha actins are a key component of the contractile apparatus.

Physical Appearance

Sterile filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

Applications

ACTB antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Type

Mouse Anti Human Monoclonal.

Clone

PAT4G6AT.

Ig Subclass

Mouse IgG 1 heavy chain and ? light chain.

Purification Method

ACTB antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

ACTA2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P62736](#))