

ACTA2/ACTG2 Monoclonal Antibody

MACO0472

Description

This ACTA2/ACTG2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: MACO0472

Contents: 50µl

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: -

Clone: Monoclonal

Applications: **ELISA** **IHC**

Conjugation: Non-conjugated

Reactivity: Human

Antibody Data

Isotype: IgG2a, Kappa

Uniprot: P62736 P63267

Host Species: Mouse

Purification: The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Immunogen: Synthesized peptide derived from human Actin, smooth muscle (SMA)

Immunogen Species: Homo sapiens (Human)

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Form: Liquid

Preparation & Storage

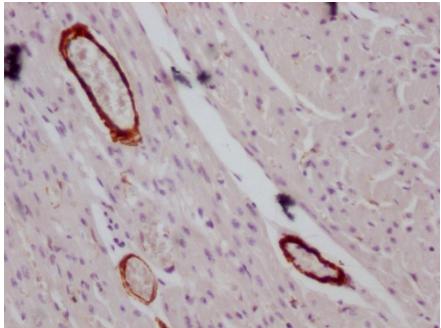
Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Store Bradford Reagent at Room Temperature for 1 Year.

Recommended Dilutions:	Application	Recommended Dilution
	IHC	1:20-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

Image



Description

IHC image of MACO0472 diluted at 1:100 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse IgG polymer labeled by HRP and visualized using 0.05% DAB.