

Anti-ACTA2/Alpha Smooth Muscle Actin Monoclonal Antibody

Catalog Number: A01072

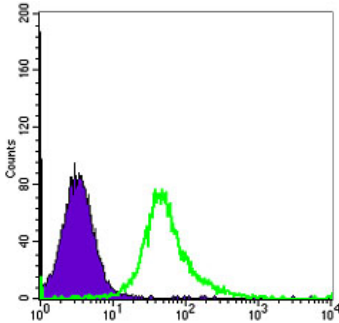
Overview

Product Name	Anti-ACTA2/Alpha Smooth Muscle Actin Monoclonal Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-ACTA2/Alpha Smooth Muscle Actin Monoclonal Antibody catalog # A01072. Tested in WB, IHC, IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	ELISA, Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal 4A4
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P62736

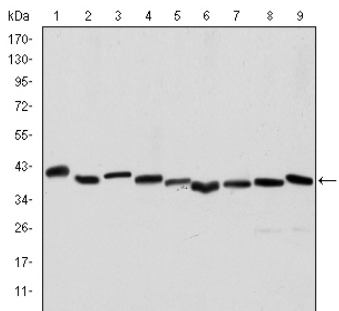
Technical Details

Immunogen	Synthesized peptide of human ACTA2.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Ascitic fluid
Suggested Dilutions	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000

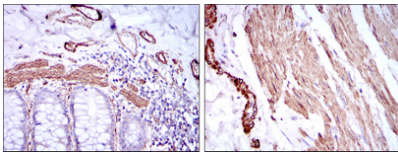
Anti-ACTA2/Alpha Smooth Muscle Actin Monoclonal Antibody (A01072) Images



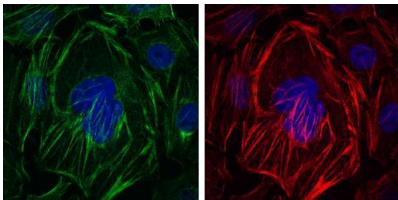
Flow cytometric analysis of HeLa cells using ACTA2 Monoclonal Antibody (green) and negative control (purple).



Western Blot analysis using ACTA2 Monoclonal Antibody against HeLa (1), A431 (2), Jurkat (3), K562 (4), HEK293 (5), HepG2 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human duodenum tissues (left) and human esophagus tissues (right) with DAB staining using ACTA2 Monoclonal Antibody.



Immunofluorescence analysis of HepG2 cells using ACTA2 Monoclonal Antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

78 Publications Citing This Product

1. PubMed ID: 10.1620/tjem.218.25, Endothelial Cell Apoptosis is Responsible for the Formation of Coronary Thrombotic Atherosclerotic Plaques
2. PubMed ID: 10.3760/cma.j.issn.0366-6999.2009.03.016, Mast cell degranulator compound 48-80 promotes atherosclerotic plaque in apolipoprotein E knockout mice with perivascular common carotid collar placement
3. PubMed ID: 10.3967/bes2017.086, Crystalline Silica Promotes Rat Fibrocyte Differentiation in Vitro, and Fibrocytes Participate in Silicosis in Vivo

Visit bosterbio.com/anti-acta2-antibody-a01072-boster.html to see all 78 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ACTA2/Alpha Smooth Muscle Actin Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.