Product datasheet

Anti-a-SMA/ACTA2 Antibody (Clone#EO-1)

Catalog Number: *BM3902*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-a-SMA/ACTA2 Antibody (Clone#EO-1)
Gene Name	ACTA2
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human alpha smooth muscle Actin
Concentration	500ug/ml
Purification	Affinity-chromatography
Observed MW	42 kDa
Dilution Ratios	Western blot (WB): 1:1000-5000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 Flow Cytometry (FCM): 1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Reference

Anti-a-SMA/ACTA2 Antibody (Clone#EO-1)被引用在79文献中。

Selected Validation Data

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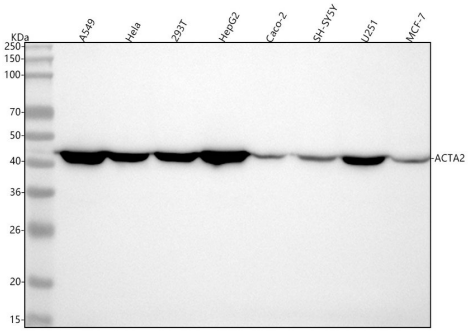
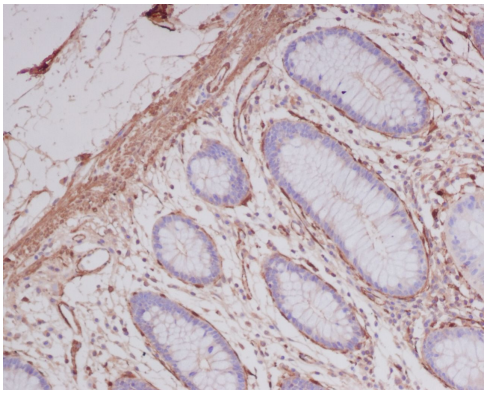


Western blot analysis of anti-a-SMA/ACTA2 antibody (BM3902). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human A549 whole cell lysates,
Lane 2: human Hela whole cell lysates,
Lane 3: human 293T whole cell lysates,
Lane 4: human HepG2 whole cell lysates,
Lane 5: human Caco-2 whole cell lysates,
Lane 6: human SH-SY5Y whole cell lysates,
Lane 7: human U251 whole cell lysates,
Lane 8: human MCF-7 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-a-SMA/ACTA2 antigen affinity purified monoclonal antibody (BM3902) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for a-SMA/ACTA2 at approximately 42 kDa. The expected band size for a-SMA/ACTA2 is at 42 kDa.



Immunohistochemical analysis of paraffin-embedded human colon, using alpha smooth muscle Actin Antibody.

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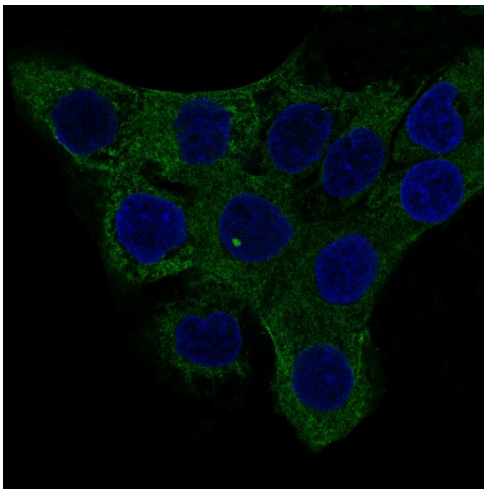

Immunofluorescent analysis of A431 cells, using alpha smooth muscle Actin Antibody .