

Product Datasheet

α -Smooth Muscle Actin (orb1294387)

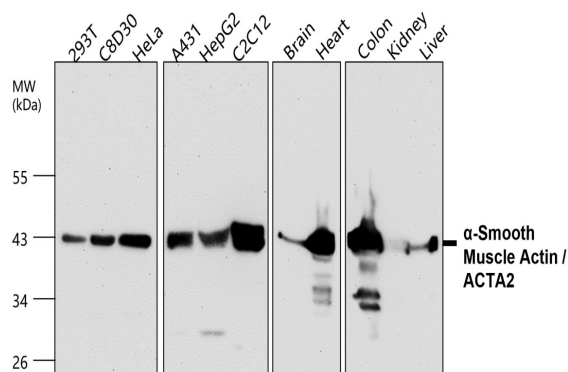
Description	Rabbit polyclonal antibody to alpha Smooth Muscle Actin
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	Synthetic peptide / encompassing a sequence within the center region
Target	α -Smooth Muscle Actin
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	Rabbit-IgG
Clonality	Polyclonal
Dilution Range	Western Blot 1:1000-1:3000 Immunofluorescence 1:200-1:500 Immunohistochemistry (Paraffin) 1:100-1:400 Immunohistochemistry (Frozen) 1:100-1:200
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

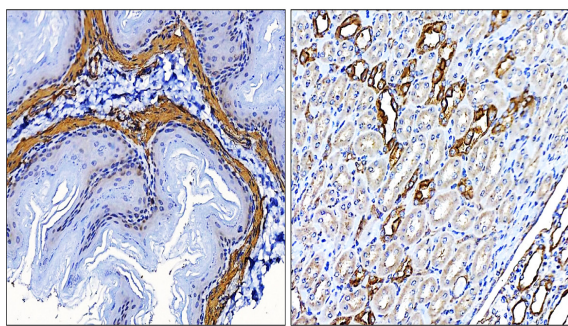
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

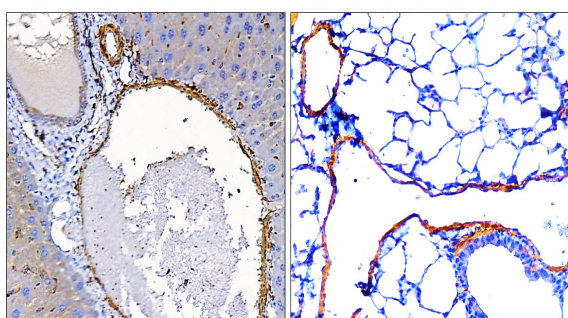
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Anti- α Smooth Muscle Actin antibody at 1/2000 dilution, Lysates at 35 μ g per lane, This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with orb1294387 overnight at 4°C.



Immunohistochemical analysis of paraffin embedded mouse tissue labeling α Smooth Muscle Actin with orb1294387 at 1/300.



Immunohistochemical analysis of paraffin embedded mouse tissue labeling α Smooth Muscle Actin with orb1294387 at 1/300.

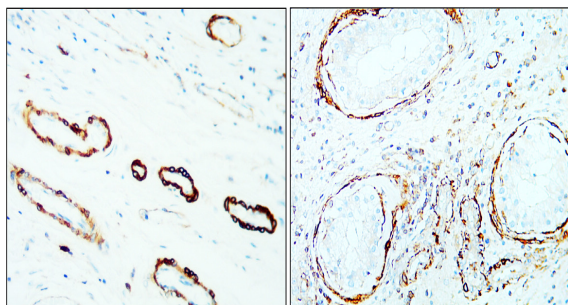
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

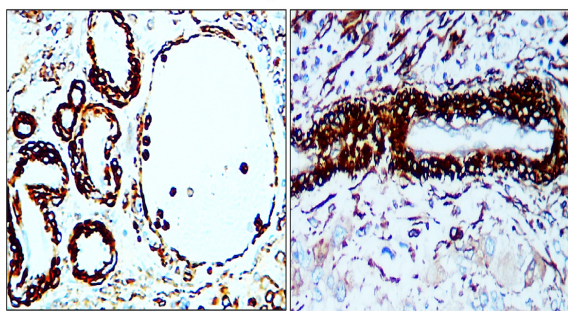
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Liver carcinoma

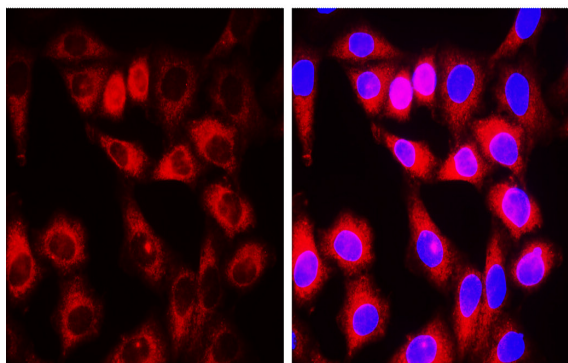


Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling α Smooth Muscle Actin with orb1294387 at 1/200.

Kidney carcinoma



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling α Smooth Muscle Actin with orb1294387 at 1/200.



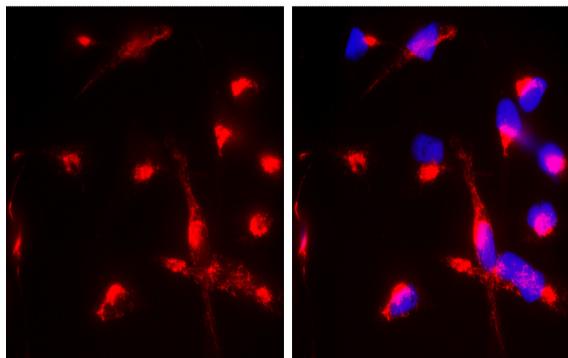
Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294387 Anti- α Smooth Muscle Actin antibody (red) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.

Biorbyt Ltd.

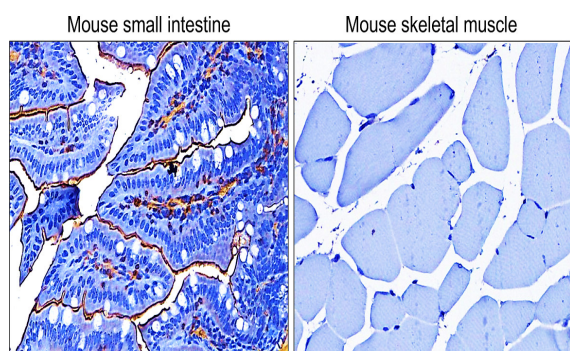
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

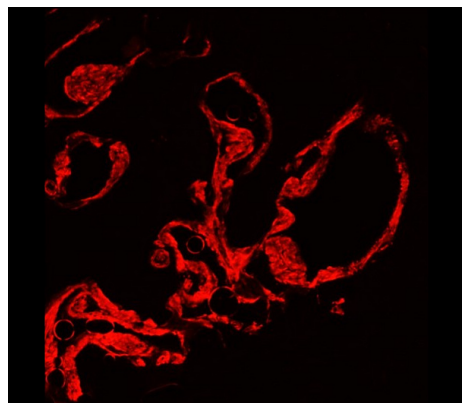
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294387 Anti- α Smooth Muscle Actin antibody (red) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.



Immunohistochemical analysis of paraffin embedded mouse tissue labeling α Smooth Muscle Actin with orb1294387 at 1/300.



Frozen sectioned for immunohistochemical analysis. Sample: Frozen section. Red: α Smooth Muscle Actin antibody. Catalog: orb1294387 at 1-200.

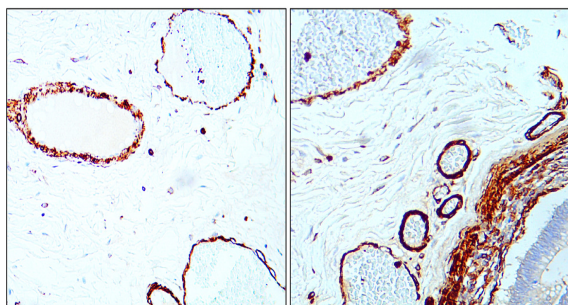
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Colorectal carcinoma



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling α Smooth Muscle Actin with orb1294387 at 1/200.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)