

Catalog Number: IR47-146

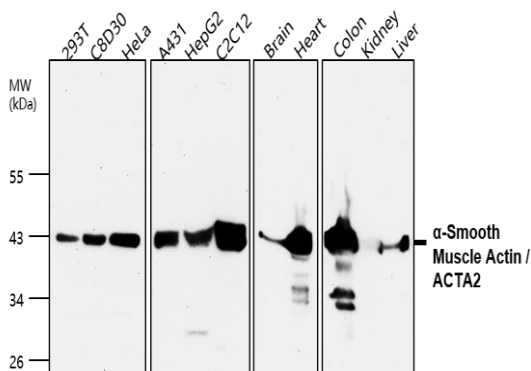
## Anti- $\alpha$ Smooth Muscle Actin antibody

Package size: 25, 100  $\mu$ l  
Store at: -20°C  
MW (kDa): 43

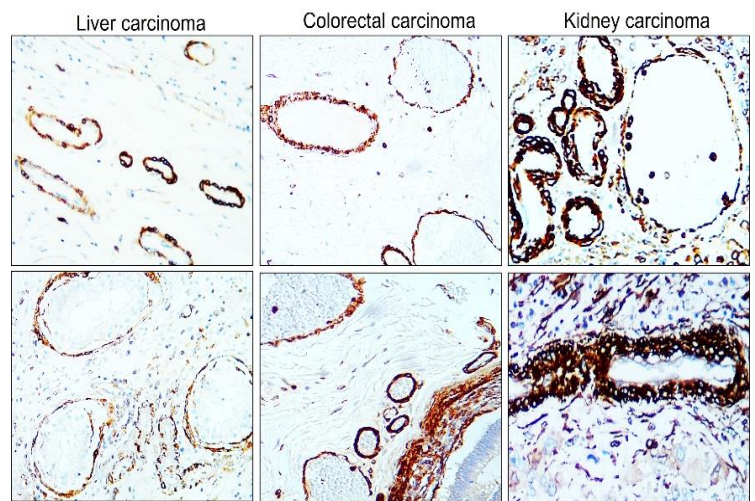
### Overview

<b>Product Name</b>	$\alpha$ Smooth Muscle Actin antibody
<b>Product Number</b>	IR47-146
<b>Gene Description</b>	actin, alpha 2, smooth muscle, aorta
<b>Clonality</b>	Polyclonal
<b>Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Recommended Applications Dilutions</b>	Western Blot 1:1000 – 1:3000 Immunofluorescence 1:200 – 1:500 Immunohistochemistry (Paraffin) 1:100 – 1:400 Immunohistochemistry (Frozen) 1:100 – 1:200
<b>Storage Buffer</b>	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Concentration</b>	1.51 mg/ml
<b>Purity</b>	Affinity column purified
<b>Storage</b>	Store at +4°C for short term storage. Long time storage is recommended at -20°C
<b>Notes</b>	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

IR47-146 anti- $\alpha$  Smooth Muscle Actin antibody WB image



IR47-146 anti- $\alpha$  Smooth Muscle Actin antibody IHC image

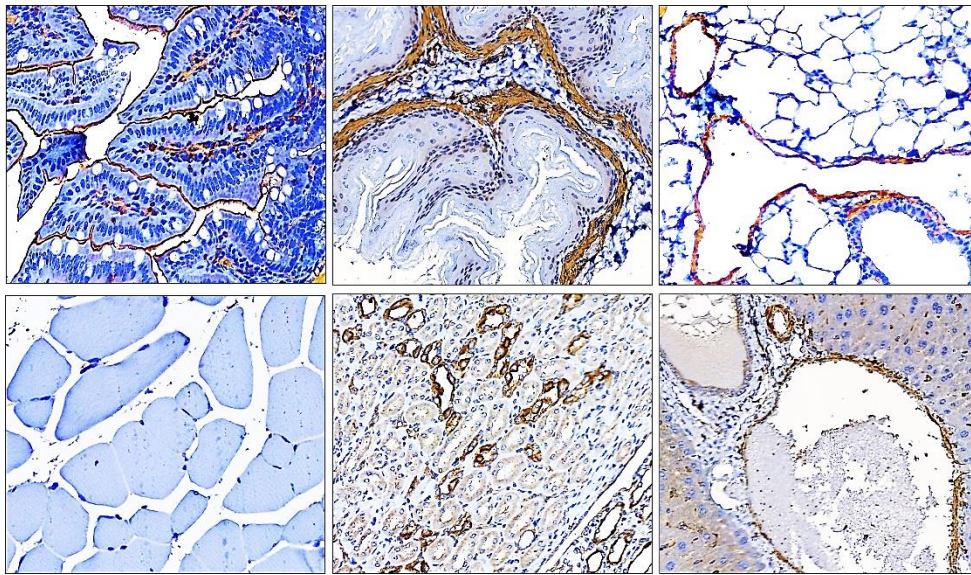


#### Anti- $\alpha$ Smooth Muscle Actin antibody at 1/2000 dilution

Lysates at 35  $\mu$ g per lane, This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with IR47-146 overnight at 4°C.

Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling  $\alpha$  Smooth Muscle Actin with IR47-146 at 1/200.

Image



**IR47-146 anti- $\alpha$  Smooth Muscle Actin antibody IHC image**

Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling  $\alpha$  Smooth Muscle Actin with IR47-146 at 1/300.

Epitope Retrieval methods: Citrate Buffer, pH 6.0

Data from: [Li-Tzung Biotechnology. Co](#)

**IR47-146 anti- $\alpha$  Smooth Muscle Actin antibody ICC/IF image**

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 IR47-146 anti-  $\alpha$  Smooth Muscle Actin antibody (red) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.

**Customer feedback Image**

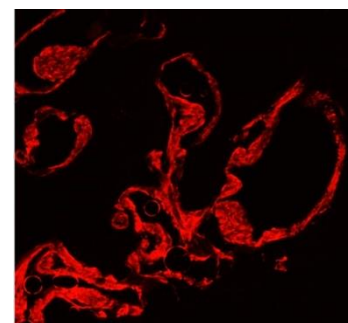
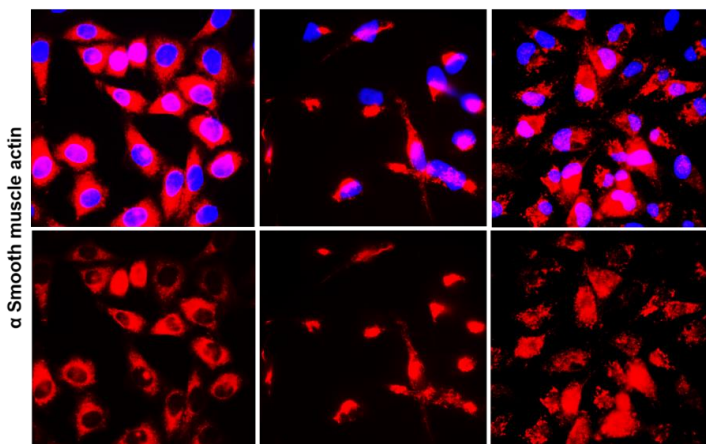
**IR47-146 anti- $\alpha$  Smooth Muscle Actin antibody IHC image**

**Frozen sectioned for immunohistochemical analysis.**

Sample: Frozen section.

Red:  $\alpha$  Smooth Muscle Actin antibody.

Catalog: IR47-146 at 1-200



IReal Biotechnology Co., Ltd.



ISO 13485:2016 Quality Management System Certified

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