

## Product Datasheet

# alpha smooth muscle Actin Antibody

Catalog No: CY5295

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



## Information

**UniProt ID:** P68032, P62736, P63267

**All Names:** Actin; aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTA2; ACTSA; ACTVS; GIG46;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 42 kDa

## Application

WB 1:1000~1:5000

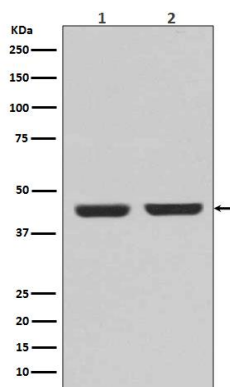
IHC 1:100~1:500

ICC/IF 1:100~1:500

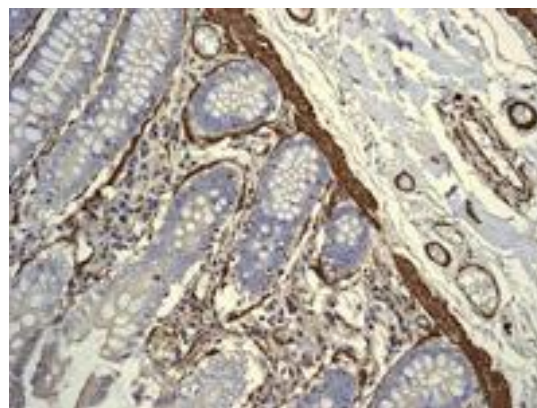
FC 1:30

## Background

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.



Western blot analysis on (1)A431 cell lysate; (2)C6 cell lysate using alpha-SMA antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovary tissue labelling alpha smooth muscle Actin

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