

Recombinant alpha Actinin 4 Monoclonal Antibody

catalog number: **AN301433L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

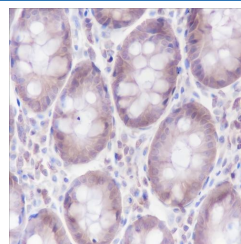
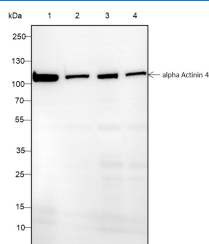
Reactivity	Human;Mouse
Immunogen	Recombinant human Actinin 4 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C211056
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

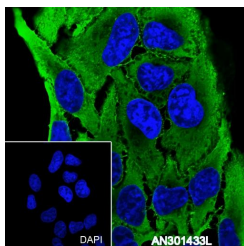
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50-1:100

Data

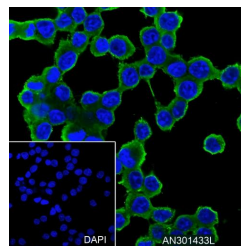


Western Blot with alpha Actinin 4 Monoclonal Antibody at Immunohistochemistry of paraffin-embedded Human colon dilution of 1:5000. Lane 1: HeLa, Lane 2: HEK-293, Lane 3: using alpha Actinin 4 Monoclonal Antibody at dilution of 1:100. Lane 4: Raw264.7

Observed-MW:110 kDa
Calculated-MW:100 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-alpha Actinin 4 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Raw264.7 cells using anti-alpha Actinin 4 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.1

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation. Involved in tight junction assembly in epithelial cells probably through interaction with MICALL2. Links MICALL2 to the actin cytoskeleton and recruits it to the tight junctions. May also function as a transcriptional coactivator, stimulating transcription mediated by the nuclear hormone receptors PPARG and RARA.