

Catalog #: 5253

Aliases

ACTN1; Actinin Alpha 1; F-Actin Cross-Linking Protein; Non-Muscle Alpha-Actinin-1; Alpha-Actinin-1; Epididymis Secretory Sperm Binding Protein; Alpha-Actinin Cytoskeletal Isoform; Actinin 1 Smooth Muscle; BDPLT15

Background

Gene Name: ACTN1

NCBI Gene Entry: [87](#)

UniProt Entry: [P12814](#)

Application Information

Molecular Weight: Predicted, 103 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB370

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human ACTN1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:1,000

Note: This product is for research use only.

Validation Data

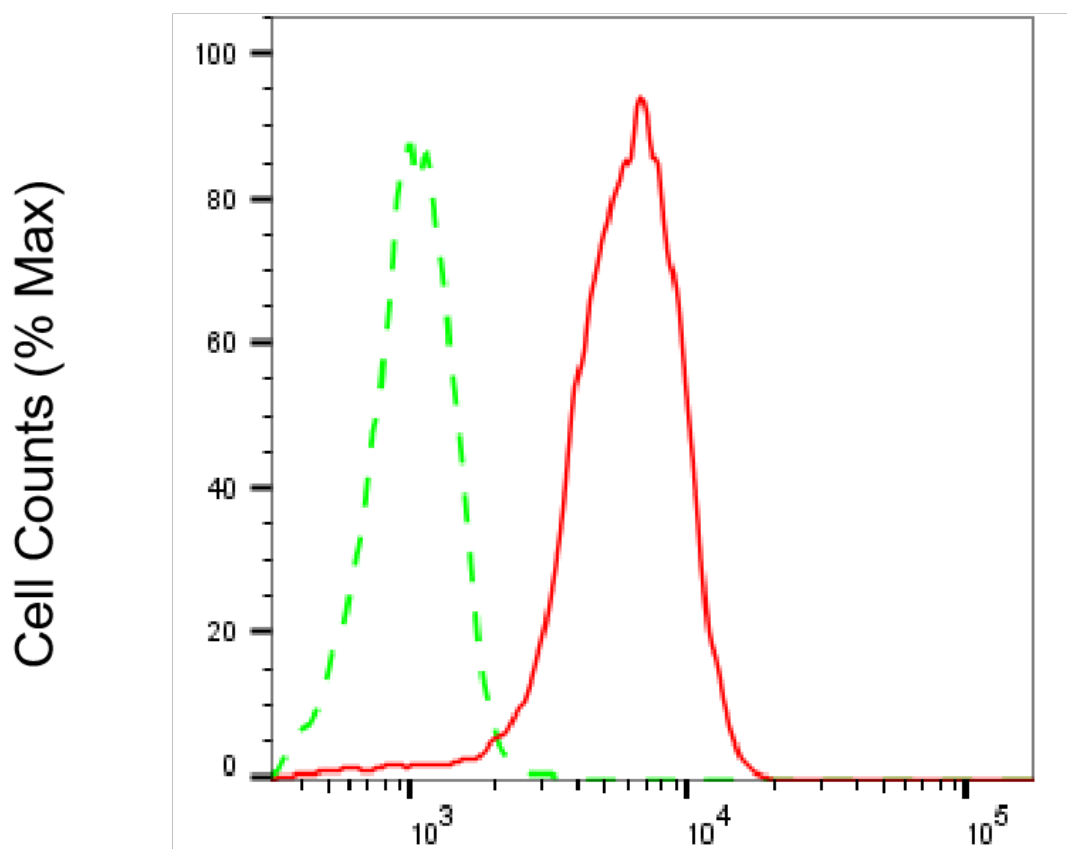
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Actinin alpha 1-Alexa Fluor® 647

Flow cytometric analysis of Actinin alpha 1 expression in C2C12 cells using anti-Actinin alpha 1 antibody (Cat#5253, 1:2,000). Green, isotype control; red, Actinin alpha 1.

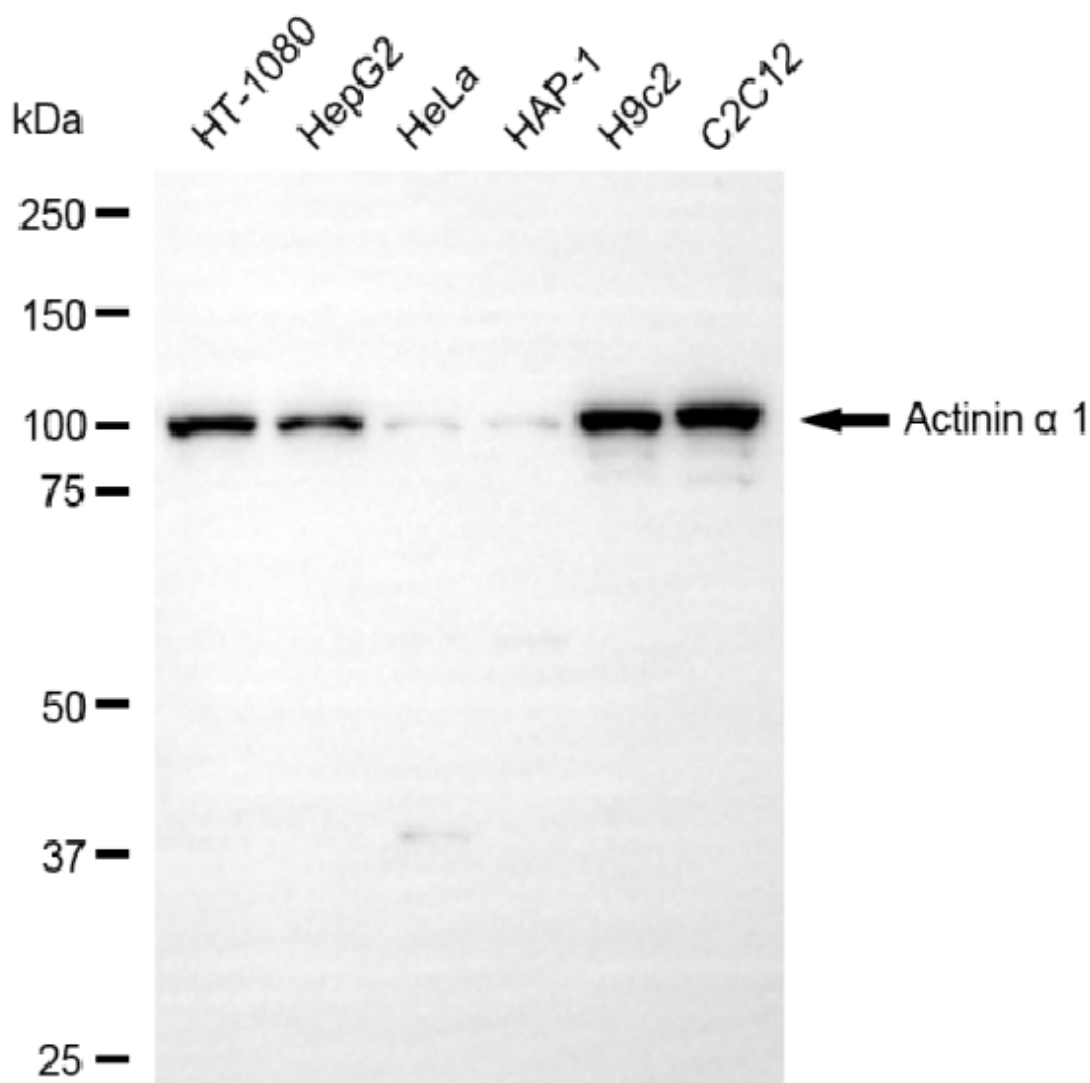
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Western blotting analysis using anti-actinin alpha 1 antibody (Cat#5253). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-actinin alpha 1 antibody (Cat#5253, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).

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