

Vinculin Rabbit mAb

Catalog No.: A2752 Recombinant 48 Publications

Basic Information

Observed MW

124kDa

Calculated MW

124kDa

Category

Primary antibody

Applications

WB, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC51900

Background

Vinculin is a cytoskeletal protein associated with cell-cell and cell-matrix junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Defects in VCL are the cause of cardiomyopathy dilated type 1W. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined.

Recommended Dilutions

WB 1:50000 - 1:200000

IF-P 1:800 - 1:3200

ELISA Recommended starting concentration is 1 µg/mL.
 Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7414

Swiss Prot

P18206

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MV; MVCL; CMD1W; CMH15; HEL114; Vinculin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

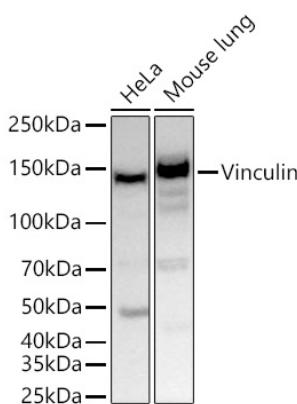
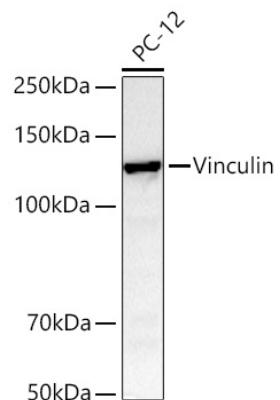
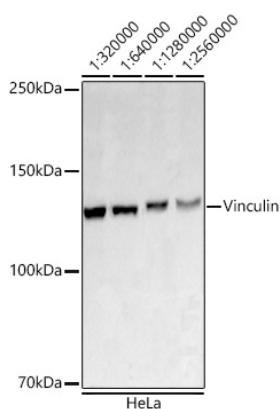
Affinity purification

Storage

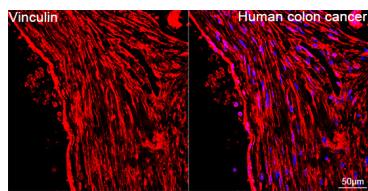
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



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Confocal imaging of paraffin-embedded Human colon cancer tissue using Vinculin Rabbit mAb (A2752, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.