

Anti-Vinculin VCL Antibody (Monoclonal, 35V45)

Catalog Number: M01207-4

About VCL

Vinculin is a cytoskeletal protein associated with the cytoplasmic face of both cell-cell and cell-extracellular matrix adherens-type junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Both human and chicken embryo sequences of vinculin contain 1,066 amino acids and, furthermore, that the 2 proteins exhibit a high level of sequence identity (greater than 95%). Vinculin is mapped to 10q22.1-q23.

Overview

Product Name	Anti-Vinculin VCL Antibody (Monoclonal, 35V45)
Reactive Species	Chicken, Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Vinculin VCL Antibody (Monoclonal, 35V45) catalog # M01207-4. Tested in IF, IHC-F, ICC, WB applications. This antibody reacts with Chicken, Human, Monkey, Mouse, Rat.
Application	IF, IHC-F, ICC, WB
Clonality	Monoclonal 35V45
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN ₃ . This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P85972

Technical Details

Immunogen	Human vinculin, purified from uterus.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(F) and ICC.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.

Purification	Ascites
Suggested Dilutions	Western blot, 1-2ug/ml, Human, chicken, monkey, mouse, rat Immunohistochemistry (Frozen Section), 2-4ug/ml, Human, chicken, mouse, rat, - Immunocytochemistry/Immunofluorescence, 2ug/ml, Human

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