
Vinculin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251810

Unit: 0.1 mg

Description:

In mammalian cells, vinculin is a membrane-cytoskeletal protein in focal adhesion plaques that is involved in linkage of integrin adhesion molecules to the actin cytoskeleton.

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 vinculin are the cause of cardiomyopathy dilated type 1W (CMD1W). Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, M, R, Ck

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Vinculin; Metavinculin; VCL

Accession No.: P18206

Antigen: Human vinculin, purified from uterus.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.