

Vinculin monoclonal antibody

Catalog: MB11770

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Vinculin is a cytoskeletal protein that plays an important role in the regulation of focal adhesions and embryonic development. Three structural vinculin domains include an amino-terminal head, a short, flexible proline-rich region and a carboxy-terminal tail. In the inactive state, the head and tail domains of vinculin interact to form a closed confirmation. The open and active form of vinculin translocates to focal adhesions where it is thought to be involved in anchoring F-actin to the membrane and regulation of cell migration.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 124 kDa; Observed MW: 124 kDa

Swiss-Prot:

P18206

Purification&Purity:

Affinity Purified

Applications:

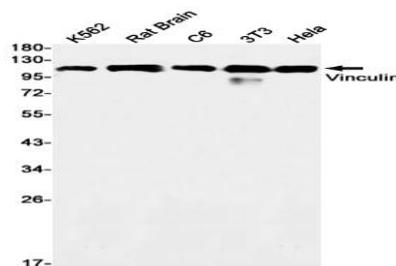
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Vinculin in K562, rat Brain, C6, 3T3, HeLa lysates using Vinculin antibody.

Immunocytochemistry analysis of Vinculin in HeLa using Vinculin antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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