

**Antibody to Zizimin1 (8B3-C3-E4)**
MOUSE MONOCLONAL

Catalog Number: AB-V78
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Isotype: IgG2a
Clone: 8B3-C3-E4
Immunogen: Full length human recombinant Zizimin1

Background: Zizimin1, also known as DOCK9 (dedicator of cytokinesis 9), is a guanine nucleotide exchange factor (GEF) that activates Cdc42, a member of the Rho family of GTPases. Through activation of Cdc42, Zizimin1 regulates processes such as cell polarity, gene expression, cell cycle progression, and cell-cell interactions.

Specificity & Preparation: This mouse IgG2a antibody is generated against full length human zizimin1 and recognizes amino acids 1184-1215 of human and primate homologs.

Usage: Applications include western blot, immunoprecipitation, immunofluorescence. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

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