

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Dematin (E397) Peptide

Cat No.: BS1631P

#### Background

Caldesmon, filamin 1, nebulin, villin, plastin, ADF, gelsolin, Dematin, and cofilin are differentially expressed actin binding proteins. Dematin is a bundling protein of the erythrocyte membrane skeleton. Dematin is localized to the spectrin-actin junctions, and its actin-bundling activity is abolished upon phosphorylation by cAMP-dependent protein kinase. It may also play a role in the regulation of cell shape, implying a role in tumorigenesis. Dematin is a trimeric protein containing two subunits of 48 kDa and one subunit of 52 kDa.

#### Swiss-Prot

Q08495

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1631 Dematin (E397) pAb.

#### Purification & Purity

Synthetic peptide Dematin (E397). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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