

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Dynactin 2 (L371) Peptide

Cat No.: BS1271P

#### Background

Dynamitin is a 50 kDa protein containing a calmodulin binding domain, a putative ATPase domain and MacMARCKS-binding domain. This protein is a part of the dynactin complex believed to link the dynactin complex to membrane compartments. Its functions are tightly associated with dynein motor protein, thus extend to vesicle trafficking and membrane integrity. Dynamitin was named so because its overexpression causes dynactin complex which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is for MacMARCKS binding and residues 59-83 is responsible for calmodulin binding. This ; is against the full length p50 dynamitin.

#### Swiss-Prot

Q13561

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1271 Dynactin 2 (L371) pAb.

#### Purification & Purity

Synthetic peptide Dynactin 2 (L371). (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.