

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CLIP-170 (K1332) Peptide

Cat No.: BS3275P

#### Background

Cytoplasmic linker protein of 170 kDa (CLIP-170) is the original member of a group of microtubule binding proteins designated as plus-end-binding proteins(+TIPs). CLIP-170 binds to the growing plus ends of microtubules and acts as a linker between the dynamic microtubule ends and organelle membranes. The protein acts as an anticatastrophic factor, promoting microtubule rescue near the cell periphery. Fluorescently labeled CLIP-170 can be visualized as a comet like streak around the growing ends of microtubules. CLIP-170 colocalizes with dynactin and dynein at microtubule ends and also at the kinetochore. Restin, first identified as a marker for Hodgkin and Reed-Sternberg (HRS) cells, is a 160 kDa splice variant of the gene that includes a 35 amino acid stretch not present in CLIP-170.

#### Swiss-Prot

P30622

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3275 CLIP-170 (K1332) pAb.

#### Purification & Purity

Synthetic peptide CLIP-170 (K1332). (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.

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