

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### GCP4 (L225) Peptide

Cat No.: BS3302P

#### Background

The  $\gamma$ -Tubulin complex is composed of  $\gamma$  Tubulin and the  $\gamma$ -Tubulin complex associated proteins GCP2, GCP3, GCP4, GCP5 and GCP6, all of which are essential components of microtubule organizing centers.  $\gamma$ -Tubulin complex components are localized to both the centrosome, where they are involved in microtubule nucleation, and to the cytoplasm, where they exist as soluble complexes that can be recruited to the centrosome as needed. Although the GCP proteins are related, they have distinct roles which contribute to the proper function of the  $\gamma$ -Tubulin complex. GCP4 ( $\gamma$ -Tubulin complex component 4), also known as TUBGCP4, is a ubiquitously expressed 667 amino acid member of the  $\gamma$ -Tubulin complex that localizes to the metaphase spindle during mitosis. In response to proteasome inhibition, GCP4 exhibits increased accumulation at the pericentriolar material where it participates in microtubule organization and nucleation.

#### Swiss-Prot

Q9UGJ1

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS3302 GCP4 (L225) pAb.

#### Purification & Purity

Synthetic peptide GCP4 (L225). (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.