

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Mindin (W104) Peptide

Cat No.: BS9256P

#### Background

The Thrombospondin proteins, Thrombospondins 1-4 and Thrombospondin 5 (also designated COMP), compose a family of glycoproteins that are involved in cell-to-cell and cell-to-matrix signaling. These extracellular, cell-surface proteins form complexes of both homo- and heteromultimers. Spondin-2, or Mindin, is also designated DIL-1 for its differential expression in cancerous and non-cancerous lung cells. Full-length SPON2 cDNA encodes a 331 amino acid protein with a domain arrangement similar to zebrafish F-Spondin and Mindin-1/Mindin-2: an FS1 domain, an FS2 domain, a hydrophobic signal sequence in the N-terminus and a Thrombospondin type I repeat. Immunoblot analysis demonstrates expression of a 42 kDa protein under reducing conditions and expression of dimers and oligomers in a concentration-dependent manner under nonreducing conditions.

#### Swiss-Prot

Q9BUD6

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS9256 Mindin (W104) pAb.

#### Purification & Purity

Synthetic peptide Mindin (W104). (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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