

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MASTL (P833) Peptide

Cat No.: BS9190P

#### Background

MASTL (microtubule associated serine/threonine kinase-like), also known as GW, THC2 or serine/threonine-protein kinase greatwall, is an 879 amino acid serine/threonine kinase regulates mitosis entry and maintenance. Localizing to cytoplasm, nucleus and cytoskeleton, MASTL belongs to the AGC Ser/Thr protein kinase family and protein kinase superfamily. MASTL undergoes alternative splicing events to produce three isoforms and is phosphorylated post-translationally by Cdc2 p34. The gene encoding MASTL maps to human chromosome 10, which comprises approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

#### Swiss-Prot

Q96GX5

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS9190 MASTL (P833) pAb.

#### Purification & Purity

Synthetic peptide MASTL (P833). (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.