

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### NEFL (I344) Peptide

Cat No.: BS3693P

#### Background

Neurofilament-L (for neurofilament light polypeptide, or NF-L), a member of the intermediate filament family, is a major component of neuronal cytoskeletons. Neurofilaments are dynamic structures; they contain phosphorylation sites for a large number of protein kinases, including protein kinase A, protein kinase C, cyclin-dependent kinase 5, extracellular signal regulated kinase, glycogen synthase kinase-3, and stress-activated protein kinase gamma. In addition to their role in the control of axon caliber, neurofilaments may affect other cytoskeletal elements, such as microtubules and actin filaments.

#### Swiss-Prot

P07196

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3693 NEFL (I344) pAb.

#### Purification & Purity

Synthetic peptide NEFL (I344). (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.