

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### SEMA3A (P737) Peptide

Cat No.: BS3691P

#### Background

Semaphorin 3A (Sema3A) may play a particularly interesting role in limiting axon regeneration since it is expressed in meningeal fibroblasts that invade the injured spinal cord and surround the glial scar. In addition, the Sema3A co receptors, Neuropilin 1 and Plexin A1, are expressed on axons that regenerate up to the injured region, but do not cross this Sema3A containing region. Thus, Sema3A and its co receptors may have important roles in regulating axon guidance during neuronal development and after neuronal injury.

#### Swiss-Prot

Q14563

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3691 SEMA3A (P737) pAb.

#### Purification & Purity

Synthetic peptide SEMA3A (P737). (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.

Bioworld Technology, Inc.  
1660 South Highway 100, Suite 500 St. Louis Park, MN  
55416, USA. Email: [info@bioworld.com](mailto:info@bioworld.com)  
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.  
No 9, weidi road Qixia District Nanjing, 210046,  
P, R.China. Email: [info@biogot.com](mailto:info@biogot.com)  
Tel: +86-025-68037686 Fax: +86-025-68035151