

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cleaved-Aggrecan (D369) Peptide

Cat No.: BS7001P

#### Background

Aggrecan is a member of a family of large, aggregating proteoglycans (also including versican, brevican and neurocan) which is found in articular cartilage. Aggrecan is composed of three major domains: G1, G2, and G3. Between the G1 and G2 domains there is an interglobulin region (IGD). The IGD region is the major site of cleavage by specific proteases like metalloproteinases (MMPs) and aggrecanase. Aggrecan cleavage has been associated with a number of degenerative diseases including rheumatoid arthritis and osteoarthritis. There is evidence that this family of proteoglycans modulates cell adhesion, migration, and axonal outgrowth in the CNS.

#### Swiss-Prot

P16112

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS7001 Cleaved-Aggrecan (D369) pAb.

#### Purification & Purity

Synthetic peptide Cleaved-Aggrecan (D369). (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.