

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MMP-2 (L638) Peptide

Cat No.: BS1236P

#### Background

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-2 (also designated type IV collagenase) cleaves collagen types IV, V, VII and X and gelatin type I. Activation of MMP-2 secretion requires the Ras signaling pathway.

#### Swiss-Prot

P08253

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1236 MMP-2 (L638) pAb.

#### Purification & Purity

Synthetic peptide MMP-2 (L638). (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.