

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Bim (A2) Peptide

Cat No.: BS1035P

#### Background

Pro-apoptotic Bcl-2 family members promote cell death by neutralizing their anti-apoptotic relatives, which otherwise maintain cell viability by regulating caspase activity. Bim belongs to the BH3-only subgroup of Bcl-2 related proteins and exists in three distinct isoforms, BimS (short), BimL (long) and BimEL (extra long). ERK1/2 phosphorylates BimEL, resulting in rapid degradation of the isoform via the proteasome pathway. At least three sites for ERK1/2 phosphorylation exist on BimEL, whereas ERK1/2 does not effect BimS or BimL, implying a unique role for BimEL in cell survival signaling.

#### Swiss-Prot

O43521

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1035 Bim (A2) pAb.

#### Purification & Purity

Synthetic peptide Bim (A2). (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.