

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ML-IAP (E211) Peptide

Cat No.: BS3534P

#### Background

Inhibitor of apoptosis proteins (IAPs) contain conserved, unique aminoterminal baculovirus IAP repeats (BIRs) and usually a C-terminal RING finger domain. Immunoprecipitation and Western blot analysis indicate that ML-IAP, also known as melanoma inhibitor of apoptosis protein, kidney inhibitor of apoptosis protein (KIAP), livin or BIRC7, binds to caspase-3, -7, and -9, but only inhibits caspase-9. Additionally, ML-IAP physically interacts with SMAC through its BIR domain with a very high affinity and this interaction is very specific. The gene which encodes ML-IAP maps to human chromosome 20q13.3. There is controversy regarding the localization of this protein and its involvement in apoptosis, but it has been suggested that ML-IAP may play a complex role in the regulation of apoptosis.

#### Swiss-Prot

Q96CA5

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3534 ML-IAP (E211) pAb.

#### Purification & Purity

Synthetic peptide ML-IAP (E211). (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.