

PRODUCT DATA SHEET



Bioworld Technology, Inc.

ML-IAP (E211) Antibody

Cat No.: BS3534

Host: Rabbit

Reactivity: Human

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.

PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

PURIFICATION & PURITY

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

APPLICATIONS

WB: 1:500 ~ 1:1000 (Recommended Dilutions)

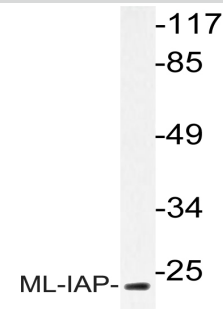
STORAGE & STABILITY

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

SPECIFICITY

ML-IAP (E211) antibody detects endogenous levels of ML-IAP protein.

DATA



Western blot (WB) analysis of ML-IAP (E211) antibody in extracts from COLO cells.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

Bioworld Technology, Inc.

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