

ML-IAP (E211) polyclonal antibody

Catalog: BS3534

Host: Rabbit

Reactivity: Human, Mouse

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 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 21 kDa

Swiss-Prot:

Q96CA5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

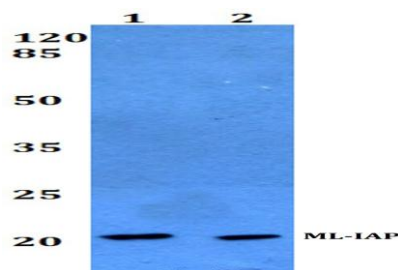
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

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

DATA:

Western blot (WB) analysis of ML-IAP (E211) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Note:

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

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