

Product Information

Anti-CLAN Protein (CARD12)

Produced in rabbit, Affinity Isolated Antibody

Product Number **C 0617**

Product Description

Anti-CLAN Protein (CARD12) is produced in rabbit using as immunogen a synthetic peptide corresponding to the N-terminus of the human CLAN protein, both A and B isoforms. The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-CLAN Protein (CARD12) reacts with the N-terminus sequence MNFIKDNSRA LIQRMGM of the A and B isoforms of the human CLAN protein. The antibody may be used in immunoblotting (~116 kDa, CLAN-A) (~40 kDa, CLAN-B).

CLAN, a novel human CED-4-like gene, is a caspase-associated recruitment domain (CARD)-containing protein and can induce apoptosis. It is expressed at varying degrees in normal human tissues. CLAN contributes to a number of intracellular processes including apoptosis, cytokine processing, and NF- κ B activation. CLAN prevents motor-neuron apoptosis induced by a variety of signals.

Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

Storage/Stability

Store at -20°C . The product may be stored at $2-8^{\circ}\text{C}$ for up to three months. For prolonged storage, freeze in working aliquots at -20°C . Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

Product Profile

For immunoblotting, a working antibody dilution of 1:500-1:1,000 is recommended using human lung lysates.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

References

1. Damiano, J.S., et al., Genomics, 75, 77-83 (2001).

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