
MATERIAL DATA SHEET

Anti-RIP2 (Nick-1)**Cat. # AS-942 (100 µg)**

Rip2 functions in FAS receptor signaling which plays a crucial role in the regulation of immune systems. The protein which is 540 residues in length contains an N-terminal serine/threonine kinase catalytic domain and a C-terminal caspase activation and recruitment domain (CARD). The activity of Rip2 can result in apoptosis mediated through the CARD motif, while the entire protein is involved in NF-κB activation. RIP2 has been shown to interact with members of the TNFR1 signaling complex, with specific TNFR-associated factor (TRAF) family proteins and the CARD of ICE/caspase-1.

Product Information

Immunogen:	Recombinant human RIP2 (amino acids 1-322).
Host/Isotype:	Mouse monoclonal
Reactivity:	Antibody detects human RIP2 protein (61 kDa).
Stock:	PBS with 0.02% NaN ₃

Use & Storage

Specificity:	Recommended dilution range for Western blot analysis is 1:1000.
Storage:	Store vial at -20°C. Avoid repeated freeze-thaw cycles.

Literature

References:	Chin A., <i>et al.</i> (2002) <u>Nature</u> 416 :190-194 Inohara N., <i>et al.</i> (1998) <u>J. Biol. Chem.</u> 273 :12296-12300 Kobayashi K., <i>et al.</i> (2002) <u>Nature</u> . 416 :194-1999 McCarthy J.V., <i>et al.</i> (1998) <u>J. Biol. Chem.</u> 273 :16968-16975 Thome M., <i>et al.</i> (1998) <u>Curr. Biol.</u> 8 :885-888
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