RIP3 (human) monoclonal antibody (Rippy-3)

Certain serine/threonine protein kinases, such as ASK1, RIP, DAP, and ZIP kinases, are mediators of apoptosis. Receptor interacting proteins including RIP and RIP2/RICK mediate apoptosis induced by TNF-R1 and Fas, two prototype members in the death receptor family. A member in the RIP kinase family was identified and designated RIP3. RIP3 contains an N-terminal kinase domain but, unlike RIP or RIP2, lacks the C-terminal death or CARD domain. RIP3 binds to RIP and TNF-R1, mediates TNF-R1 induced apoptosis, and attenuates RIP and TNF-R1 induced NF-κB activation. Overexpression of RIP3 induces apoptosis and NF-κB activation. The messenger RNA of RIP3 is expressed in a subset of adult tissues. Meanwhile RIP4 has been identified and initially characterized. These data suggest that RIP4 is involved in NF-κB and JNK signalling and that caspase-dependent processing of RIP4 may negatively regulate NF-κB-dependent pro-survival or pro-inflammatory signals.

This antibody is covered by our Worry-Free Guarantee.

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	Stable for at least 1 year after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Receptor-interacting serine/threonine protein kinase 3, RIP-like protein kinase 3, Receptor-interacting protein 3
Application	WB
Clone	Rippy-3
Formulation	Liquid. In PBS containing 0.02% sodium azide.
Host	Mouse
Immunogen	Recombinant human RIP3 (receptor-interacting protein 3).
Isotype	IgG1
Source	Purified from hybridoma tissue culture supernatant.
Species Reactivity	Human
UniProt ID	Q9Y572
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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