Recombinant DGRmAb®

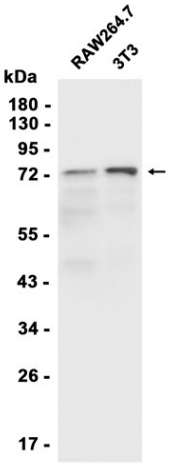
RIP (DGR16113) Rabbit mAb

db14919 **Package : 10μL 20μL 50μL 100μL**

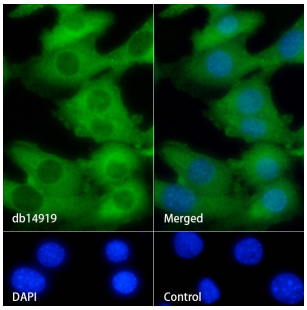
Product Name : RIP (DGR16113) Rabbit mAb
Cat.No.: db14919
Synonyms : RIP; Rinp; Rip1; D330015H01Rik
Application : WB, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

Background	Serine-threonine kinase which transduces inflammatory and cell-death signals (programmed necrosis) following death receptors ligation, activation of pathogen recognition receptors (PRRs), and DNA damage. Upon activation of TNFR1 by the TNF-alpha family cytokines, TRADD and TRAF2 are recruited to the receptor. Phosphorylates DAB2IP at 'Ser-728' in a TNF-alpha-dependent manner, and thereby activates the MAP3K5-JNK apoptotic cascade. Ubiquitination by TRAF2 via 'Lys-63'-link chains acts as a critical enhancer of communication with downstream signal transducers in the mitogen-activated protein kinase pathway and the NF-kappa-B pathway, which in turn mediate downstream events including the activation of genes encoding inflammatory molecules.
Immunogen	Recombinant protein of mouse RIP
Gene ID	19766
Swiss Prot	Q60855
Synonyms	RIP; Rinp; Rip1; D330015H01Rik
Reactivity	Mouse
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:100-1:200 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	75 kDa
Observed MW	75 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR16113
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from RAW264.7, 3T3 cells using db14919 at 1:1000.



Immunofluorescence analysis of 3T3 cells labelling RIP with db14919.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14919 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.