Recombinant DGRmAb®

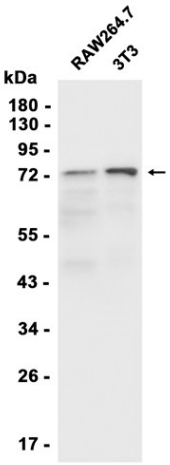
RIP (DGR16113) Rabbit mAb (PBS Only)

db14919-PBS **Package : 10μg 100μg**

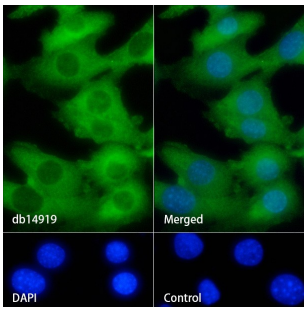
Product Name : RIP (DGR16113) Rabbit mAb (PBS Only)
Cat.No.: db14919-PBS
Synonyms : RIP; Rinp; Rip1; D330015H01Rik
Application : WB, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

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
Calculated MW	75 kDa
Observed MW	75 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16113
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.