Recombinant DGRmAb®

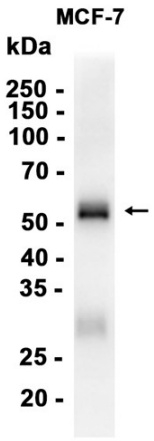
TRAF2 (DGR19365) Rabbit mAb (PBS Only)

db14520-PBS **Package : 10μg 100μg**

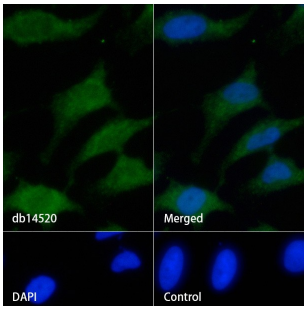
Product Name : TRAF2 (DGR19365) Rabbit mAb (PBS Only)
Cat.No.: db14520-PBS
Synonyms : TRAP; TRAP3; MGC:45012
Application : WB, IHC-P, ICC/IF
Reactivity : Human
Host species : Rabbit

Background	The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can unbiquitinate and induce the degradation of this protein, and thus potentiate TNF-induced apoptosis. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been determined. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human TRAF2
Gene ID	7186
Swiss Prot	Q12933
Synonyms	TRAP; TRAP3; MGC:45012
Reactivity	Human
Application	WB, IHC-P, ICC/IF
Calculated MW	56 kDa
Observed MW	53 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR19365
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 MCF-7 cells using db14520 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling TRAF2 with db14520.

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 db14520 (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.