Recombinant DGRmAb®

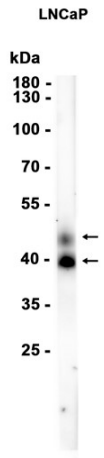
DR5 (DGR19548) Rabbit mAb

db14494 **Package : 10μL 20μL 50μL 100μL**

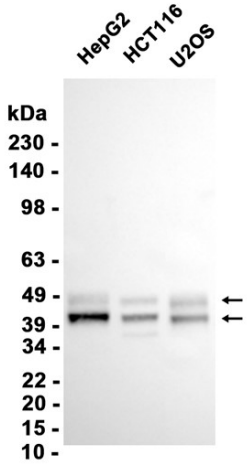
Product Name : DR5 (DGR19548) Rabbit mAb
Cat.No.: db14494
Synonyms : DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq, Mar 2009]
Immunogen	Recombinant protein of human DR5
Gene ID	8795
Swiss Prot	O14763
Synonyms	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
Reactivity	Human
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:100 FC: 1:50-1:100 IP: 1:20-1:50
Calculated MW	49 kDa
Observed MW	40,49 kDa
Host species	Rabbit
Clonality	Monoclonal

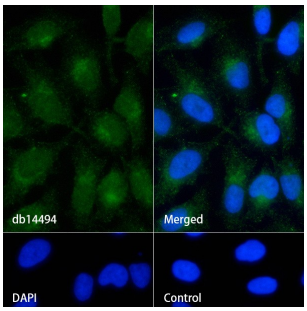
Clonality No.	DGR19548
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from LNCaP cells using db14494 at 1:1000.



Western blot analysis of extracts from HepG2, HCT116, U2OS cells using db14494 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling DR5 with db14494.

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 db14494 (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.