

**Recombinant****DGRmAb®****DR5 (DGR19548) Rabbit mAb (PBS Only)****db14494-PBS****Package : 100µg****Product Name :** DR5 (DGR19548) Rabbit mAb (PBS Only)**Cat.No.:** db14494-PBS**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

**Calculated MW**

49 kDa

**Observed MW**

40,49 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR19548

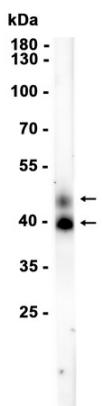
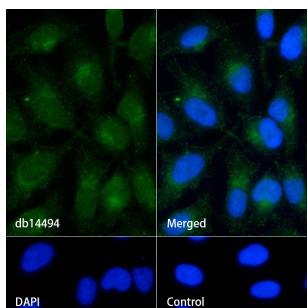
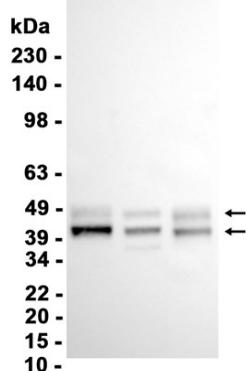
**Isotype**

IgG

---

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.

LNCaP

Western blot analysis of extracts from LNCaP cells using [db14494](#) at 1:1000.**HepG2**  
**HCT116**  
**U2OS**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.