

# DR5/TRAILR2/TNFRSF10B Rabbit mAb

Catalog No.: A19043 **Recombinant** **1 Publications**

## Basic Information

**Observed MW**

48kDa

**Calculated MW**

48kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IHC-P,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC0406

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

**Gene ID**

8795

**Swiss Prot**

O14763

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 341-440 of human DR5/TRAILR2/TNFRSF10B (O14763).

**Synonyms**

DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5; DR5/TRAILR2/TNFRSF10B

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

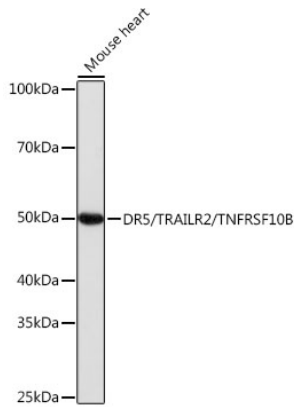
Affinity purification

**Storage**

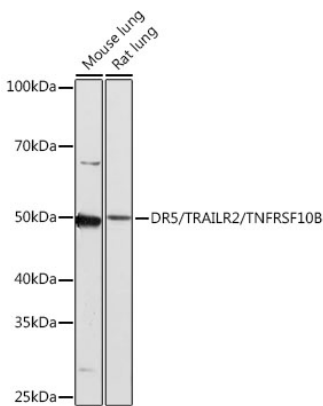
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

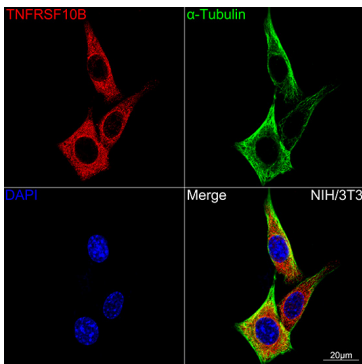
## Validation Data



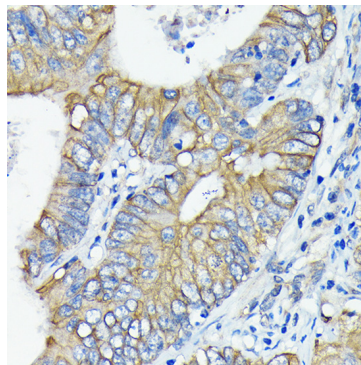
Western blot analysis of lysates from Mouse heart, using DR5/TRAILR2/TNFRSF10B Rabbit mAb (A19043) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Western blot analysis of various lysates using DR5/TRAILR2/TNFRSF10B Rabbit mAb (A19043) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3min.



Confocal imaging of NIH-3T3 cells using DR5/TRAILR2/TNFRSF10B Rabbit mAb (A19043, dilution 1:100) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using DR5/TRAILR2/TNFRSF10B Rabbit mAb (A19043) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.