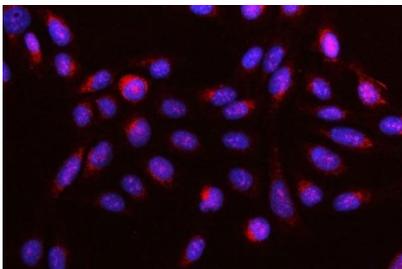


## DR4 Antibody / TNFRSF10A (R32614)

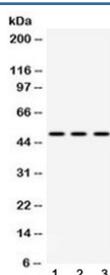
Catalog No.	Formulation	Size
R32614	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	O00220
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml
<b>Limitations</b>	This DR4 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with DR4 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat spleen, 2) mouse spleen and 3) human MCF7 lysate with DR4 antibody at 0.5ug/ml. Predicted molecular weight ~50 kDa.

## Description

TNFRSF10A (Tumor Necrosis Factor Receptor Subfamily Member 10A), also known as APO2, DR4 or TRAILR1, is a protein that in humans is encoded by the TNFRSF10A gene. The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein.

## Application Notes

Optimal dilution of the DR4 antibody should be determined by the researcher.

## Immunogen

Amino acids 99-131 (VLLQVVPSSAATIKLHDQSIGTQQWEHSPLGEL-human) were used as the immunogen for the DR4 antibody.

## Storage

After reconstitution, the DR4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.