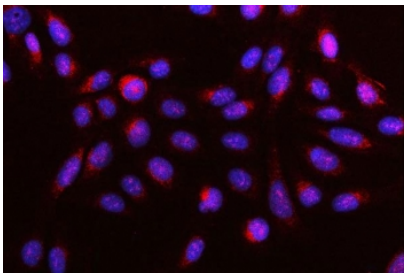
DR4 Antibody / TNFRSF10A (R32614)

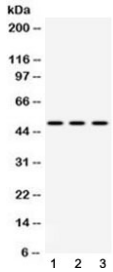
Catalog No.	Formulation	Size
R32614	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O00220
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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