

Human TRAILR3/TNFRSF10C antibody

Catalog Number: ATGA0509

PRODUCT INFORMATION

Catalog number

ATGA0509

Clone No.

AT1E12

Product type

Monoclonal Antibody

UnitProt No.

O14798

NCBI Accession No.

NP_003832

Alternative Names

Tumor necrosis factor receptor superfamily member 10C, Antagonist decoy receptor for TRAIL/Apo-2L, Decoy TRAIL receptor without death domain, Decoy receptor 1, DcR1, Lymphocyte inhibitor of TRAIL, TNF-related apoptosis-inducing ligand receptor 3, TRAIL receptor 3, TRAIL-R3, CD263, LIT, TRAILR3, TRID, TRAIL receptor without an intracellular domain

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human TNFRSF10C (26-236aa) purified from E. coli

Isotype

IgG1 kappa

Purification Note

By protein-A affinity chromatography

Application

ELISA, WB, ICC/IF

Usage

The antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

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Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

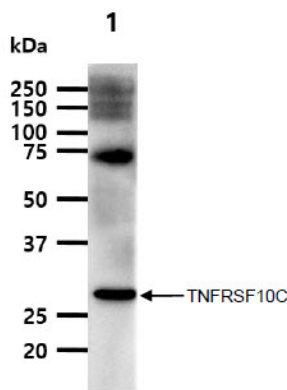
TNFRSF10C also known as tumor necrosis factor receptor superfamily member 10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis.

General References

Venza M., et al. (2013) Biochem. Biophys. Res. Commun. 441 (4), 743-750.

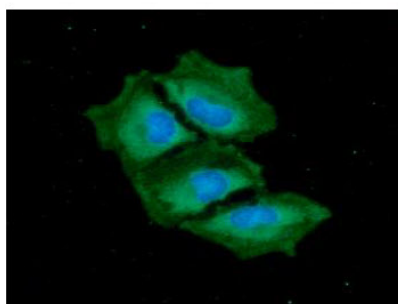
DATA

Western blot analysis (WB)



The tissue lysate (40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human TNFRSF10C antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.
Lane 1.: Mouse Liver tissue lysate

Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of TNFRSF10C in HeLa cells. The cell was stained with ATGA0509 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).