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Human TRAILR3/TNFRSF10C antibody

Catalog Number: ATGA0509

PRODUCT INFORMATION

Catalog number

ATGA0509

Clone No.

AT1E12

Product type

Monoclonal Antibody

UnitProt No.

014798

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

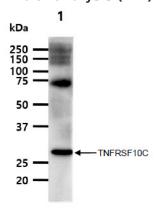
TNFRSF10C also known as tumor necrosis factor receptor superfamily member 10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and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

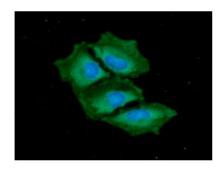
DATA

Western blot analysis (WB)



The tissue lysate (40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human TNFRFS10C 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).

