

For Research Use Only

TRAIL Recombinant antibody

Catalog Number: 84280-1-RR



Basic Information

Catalog Number:

84280-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC032722

GeneID (NCBI):

8743

UNIPROT ID:

P50591

Full Name:

tumor necrosis factor (ligand) superfamily, member 10

Calculated MW:

281 aa, 33 kDa

Observed MW:

22-25 kDa

Purification Method:

Protein A purification

CloneNo.:

241419C12

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human milk,

Background Information

TRAIL, also known as CD253 or TNFSF10 (tumor necrosis factor superfamily member 10), is a typical death ligand expressed on natural killer cells and cytotoxic T lymphocytes. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. TRAIL induces apoptotic cell death in cancer by binding to its functional death receptors, death receptor (DR) 4 (TNFRSF10A/TRAIL-R1) and DR5 (TNFRSF10B/TRAIL-R2) to activate the extrinsic apoptosis pathway. TRAIL also activates c-Jun N-terminal kinase (MAPK8/JNK) and the transcription factor nuclear factor-κB (NFκB). The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

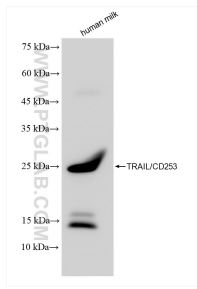
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human milk samples were subjected to SDS PAGE followed by western blot with 84280-1-RR (TRAIL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.