

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab)

Recombinant Antibody Catalog # APR10601

Specification

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) - Product Information

Application FC, Kinetics, Animal Model

Primary Accession
Reactivity
Human
Clonality
Monoclonal
Isotype
Calculated MW
145 KDa

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) - Additional Information

Target/Specificity
TNFRSF10B / TRAILR2 / CD262

Endotoxin

< 0.001EU/ μg, determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) - Protein Information

Name TNFRSF10B

Synonyms DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

Function

Receptor for the cytotoxic ligand TNFSF10/TRAIL (PubMed: 10549288). The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis.



Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

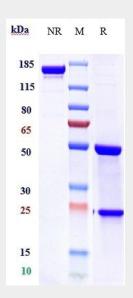
Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLaS3, K-562, HL-60, SW480, A-549 and G-361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) - Protocols

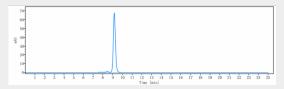
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) - Images



Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (tigatuzumab)is more than 95% ,determined by SEC-HPLC.