

**Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab)
Recombinant Antibody
Catalog # APR10023****Specification**

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

Application	FC, Kinetics, Animal Model
Primary Accession	O14763
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.44 KDa

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab) - 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 (conatumumab) - 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.

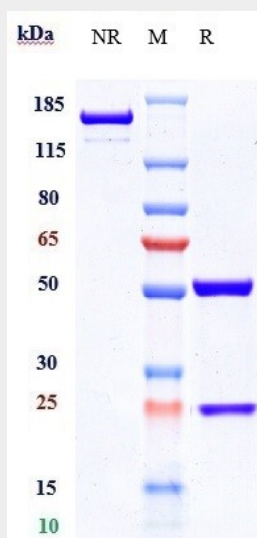
Tissue Location

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

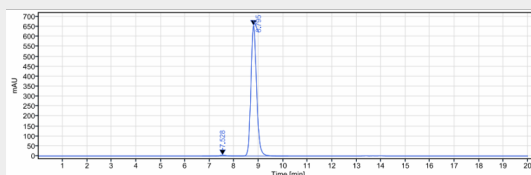
Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab) - Protocols

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

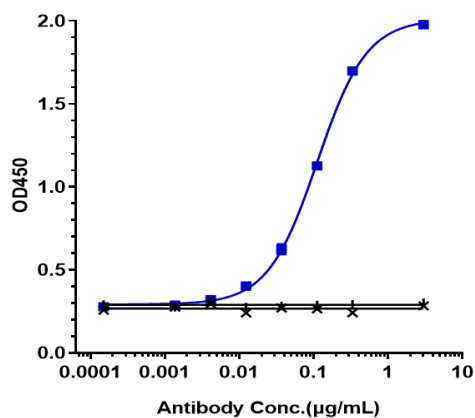
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

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

Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab) is more than 98.9% ,determined by SEC-HPLC.



Immobilized Cyno DR5 His at 2 µg/mL can bind Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (conatumumab) $EC_{50}=0.1119 \mu\text{g/mL}$.