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

Recombinant Antibody
Catalog # APR10178

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	O14763
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	47878

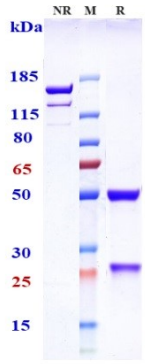
Additional Information

Target/Specificity	TNFRSF10B / TRAILR2 / CD262
Endotoxin 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.

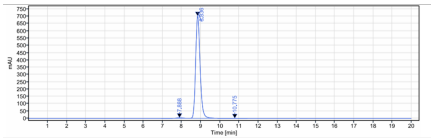
Protein Information

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

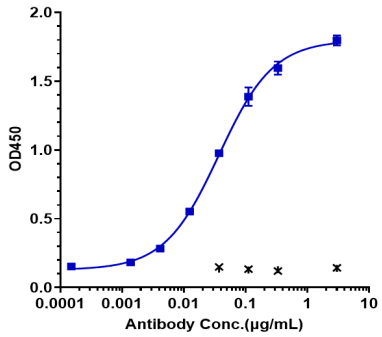
Images



Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (lexatumumab) 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 (lexatumumab)is more than 99.04% ,determined by SEC-HPLC.



Immobilized human TNFRSF10B/TRAILR2 / CD262, Fc Tag at 2 μg/mL can bind Anti-TNFRSF10B / TRAILR2 / CD262 Reference Antibody (lexatumumab),EC50=0.03685 μg/mL