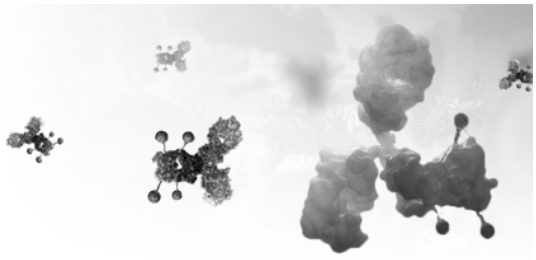

Mouse Anti-Human DcR2/TRAIL R4 monoclonal antibody, clone NN19 (CABT-ZB595)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human DcR2/TRAIL R4
Target	TNFRSF10D
Immunogen	Recombinant Human TRAIL R4/CD264/TNFRSF10D Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN19
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB595 - CABT-ZB947 This antibody will detect DcR2/TRAIL R4 in antibody pair set. [ABPR-ZB173]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human TRAIL R4 / CD264 / TNFRSF10D. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid

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Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D), also known as TNF-related apoptosis-inducing ligand receptor 4 (TRAIL R4), CD264, and Decoy receptor 2, is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplamic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. TRAIL R4/CD264/TNFRSF10D is widely expressed, in particular in fetal kidney, lung and liver, and in adult testis and liver. TRAIL R4/CD264/TNFRSF10D is also expressed in peripheral blood leukocytes, colon and small intestine, ovary, prostate, thymus, spleen, pancreas, kidney, lung, placenta and heart. The signaling capacity of TRAIL R4 is similar to that of TRAIL R1 and TRAIL R2 with respect to NF-κB activation, but differs in its inability to induce apoptosis. TRAIL R4 retains a C-terminal element containing one third of a consensus death domain motif. Transient overexpression of TRAIL R4 in cells normally sensitive to TRAIL-mediated killing confers complete protection, suggesting that one function of TRAIL R4 may be inhibition of TRAIL cytotoxicity.
Keywords	TNFRSF10D; tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain; DCR2; CD264

GENE INFORMATION

Synonyms	TNFRSF10D; tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain; DCR2; CD264; TRUNDD; TRAILR4; TRAIL-R4; tumor necrosis factor receptor superfamily member 10D; TRAIL receptor 4; decoy receptor 2
Entrez Gene ID	8793
UniProt ID	Q9UBN6

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