

ARG23335 anti-CD253 / TRAIL antibody [B-S23] (low endotoxin)

Package: 100 µl
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Mouse Monoclonal antibody [B-S23] recognizes CD253 / TRAIL
Tested Reactivity	Hu
Tested Application	ELISA, FACS, FuncSt
Specificity	This antibody recognizes the TRAIL, APO2L antigen, a 32 kDa protein. Clone B-S23 induced apoptosis in U937 cells.
Host	Mouse
Clonality	Monoclonal
Clone	B-S23
Isotype	IgG1
Target Name	CD253 / TRAIL
Species	Human
Immunogen	Recombinant human TRAIL
Conjugation	Un-conjugated
Alternate Names	TL2; CD253; Protein TRAIL; TNF-related apoptosis-inducing ligand; TRAIL; CD antigen CD253; Apo-2 ligand; Apo-2L; APO2L; Tumor necrosis factor ligand superfamily member 10

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	Assay-dependent
	FuncSt	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification Note	Sterile-filtered through 0.22 µm and treated to remove endotoxins.
Buffer	PBS
Concentration	2.3 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	TNFSF10
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 10
Background	<p>The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. 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. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]</p>
Function	<p>Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. [UniProt]</p>
Calculated Mw	33 kDa
PTM	Tyrosine phosphorylated by PKDCC/VLK. [UniProt]