

ARG23336 anti-CD253 / TRAIL antibody [B-S23] (PE)

Package: 500 µl
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [B-S23] recognizes CD253 / TRAIL
Tested Reactivity	Hu
Tested Application	FACS
Specificity	This antibody recognizes the TRAIL, APO2L antigen, a 32 kDa protein.
Host	Mouse
Clonality	Monoclonal
Clone	B-S23
Isotype	IgG1
Target Name	CD253 / TRAIL
Species	Human
Immunogen	Recombinant human TRAIL
Conjugation	PE
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	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>Assay-dependent</td></tr> </table>	Application	Dilution	FACS	Assay-dependent
Application	Dilution				
FACS	Assay-dependent				
Application Note	<p>FACS: Use 10 µl to label 10⁶ cells or 100 µl of whole blood.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and 5% BSA.
Preservative	0.1% Sodium azide
Stabilizer	5% BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

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]