

TNFSF10

Mouse Anti-Human TRAIL/APO2L Clone B-S23 Azide Free mAb

Catalog No.	CDM076	Quantity:	200 µg
Alternate Names:	TL2, APO2L, CD253, TRAIL, Apo-2L, TNFSF10		
Description:	<p>Mouse Anti-Human TRAIL/APO2L Clone B-S23 Azide Free mAb</p> <p>Background: 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.</p>		
Concentration:	1.0 mg/ml		
Gene ID:	8743		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Specificity:	Recognizes the TRAIL, APO2L antigen, a 32 kDa protein.		
Host:	Mouse		
Immunogen:	Recombinant human TRAIL		
Isotype:	IgG1		
Clone:	B-S23		
Formulation:	Liquid in phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	<p>Flow cytometry</p> <p>Enhances TRAIL induced apoptosis</p> <p>Recognizes the soluble antigen</p> <p>Capture Antibody in a human TRAIL sandwich immunoassay to detect human TRAIL in combination with biotinylated human TRAIL Detection Antibody (Cat No CDM439).</p> <p>Suggested range for ELISA Capture Antibody: 0.01 - 0.1 µg/ml</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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