

TNFSF10

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

Catalog No.	CDM076A CDM076B CDM076C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Tumor necrosis factor ligand superfamily member 10, Apo-2L, CD253, TNFSF10		
Description:	<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.</p>		
UnitProt ID:	P50591		
Gene ID:	8743		
Concentration:	1.0 mg/ml		
Specificity:	<p>Recognizes the TRAIL, APO2L antigen, a 32 kDa protein. Recognizes the soluble antigen</p>		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	Recombinant human TRAIL		
Isotype:	Mouse IgG1		
Clone:	B-S23		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Enhances TRAIL induced apoptosis		
Applications:	Functional Studies, Flow cytometry, ELISA		
Application Notes:	<p>ELISA: Capture Antibody in a human TRAIL sandwich immunoassay to detect human TRAIL in combination with biotinylated human TRAIL Detection Antibody (Cat No CDM439). Suggested range for ELISA Capture Antibody: 0.01 - 0.1 µg/ml</p>		
Storage & Stability:	<p>Stable at 2-8°C for 12 months. For longer storage, freeze aliquots Avoid repeated freeze-thaw cycles.</p>		

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

