

TNFSF10

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

Catalog No.	CDM415	Quantity:	1.0 mg
Alternate Names:	TL2; APO2L; CD253; TRAIL; Apo-2L; TNLG6A		
Description:	<p>Mouse Anti-Human TRAIL/APO2L Clone B-S23 Azide Free Capture 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 / 1.0 ml		
Gene ID:	8743		
Specificity:	Recognizes TRAIL, APO2L antigen, a 32kDa protein		
Host:	Mouse		
Immunogen:	Recombinant human TRAIL		
Isotype:	IgG1		
Clone:	B-S23		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Liquid in PBS. Sterile-filtered through 0.22 µm. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This Antibody can be used as a Capture Antibody in a human TRAIL sandwich immunoassay to detect human TRAIL in combination with biotinylated human TRAIL Detection Antibody (Cat No CDM439). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.01 - 0.1 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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