

Datasheet

TNFSF10 monoclonal antibody (M01), clone 2E1-1B9

Catalog Number: H00008743-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant TNFSF10.

Clone Name: 2E1-1B9

Immunogen: TNFSF10 (AAH32722, 1 a.a. ~ 281 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAMMEVQGGPSLGQTCVLIVIFTVLLQSLCVAVTYVYF
TNELKMQDKYSKSGIACFLKEDDSYWDPNDEESMN
SPCWQVKWQLRQLVRKMILRTSEETISTVQEKQQNIS
PLVRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALG
RKINSWESSRSGHSFLSNLHLRNGELVIHEKGFYYIYS
QTYFRFQEEIKENTKNDKQMVQYIYKYTSYPDPILLMK
SARNSCWPKDAEYGLYSIQGGIFELKENDRIFVSVTN
EHLIDMDHEASFFGAFLVG

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.2

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8743

Gene Symbol: TNFSF10

Gene Alias: APO2L, Apo-2L, CD253, TL2, TRAIL

Gene Summary: 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. [provided by RefSeq]