



20150217ML

**Anti-Human TNFSF10 (#6D44)****FOR RESEARCH ONLY! NOT FOR HUMAN USE!****Product Specifications**

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#6D44)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human TNFSF10
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

<b>Cat.-no.:</b>	<b>101-M671</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with Human TNFSF10 recombinant protein (also called TRAIL).

**Target Background**

<b>Synonyms (Target):</b>	TNFSF10; TL2; APO2L; CD253; TRAIL; Apo-2L
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TNF-related apoptosis-inducing ligand (TRAIL), also known as Apo-2 ligand and TNFSF10, is a type II transmembrane protein with a carboxy-terminal extracellular domain that exhibits homology to other TNF superfamily members. Among TNF superfamily members, TRAIL is the most homologous to Fas Ligand, sharing 28% amino acid sequence identity in their extracellular domains. Human TRAIL shares 65% amino acid sequence identity with mouse TRAIL and is active on mouse cells.

**Database References Target**

<b>Protein RefSeq:</b>	NP_00380.1
<b>Uniprot ID:</b>	P50591
<b>mRNA RefSeq:</b>	NM_003810.3

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human TNFSF10.

**AVOID REPEATED FREEZE AND THAW CYCLES!****Applications**

The antibody can be used within the following applications:

WB, IHC (P), FC

**Recommended usage:**

IHC (paraffine): 1:20 - 1:100

WB: Use at 1:500-1000

Flow cytometry: 1:50 - 1:200

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**