



Anti-TNFSF10 polyclonal antibody [Biotin] (DPABY-605)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Detects mouse TRAIL/TNFSF10 in ELISAs and Western blots. In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant human TRAIL is observed.
Immunogen	E. coli-derived recombinant mouse TRAIL/TNFSF10. Pro118-Asn291 Accession Number P50592
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	Tnfsf10 tumor necrosis factor (ligand) superfamily, member 10 [Mus musculus (house mouse)]
Official Symbol	TNFSF10
Synonyms	TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; TL2; Ly81; Trail; APO-2L; AI448571; A330042I21Rik; tumor necrosis factor ligand superfamily member 10; TRAIL/APO2L; TNF-related apoptosis inducing ligand; TNF-related apoptosis-inducing ligand
Entrez Gene ID	22035
Protein Refseq	NP_033451
UniProt ID	P50592
Chromosome Location	3 A3; 3
Pathway	Apoptosis; Apoptosis signaling pathway; Caspase-8 activation; Cytokine-cytokine receptor interaction; Death Receptor Signalling; Dimerization of procaspase-8; Extrinsic Pathway for Apoptosis; FoxO signaling pathway;
Function	cytokine activity; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;