



# Anti-FASL polyclonal antibody [Biotin] (DPABY-489)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Fas Ligand is a 40 kDa type II transmembrane protein belonging to the TNF superfamily. The specific receptor for Fas Ligand is Fas (CD95, Apo-1). Fas Ligand is predominantly expressed on activated T cells and natural killer cells, while Fas is expressed on various types of cells. The Fas/Fas Ligand system plays a crucial role in modulating immune responses by inducing cell specific apoptosis. Human Fas Ligand shares 81% sequence identity with mouse Fas Ligand and 78% sequence identity with rat Fas Ligand.
<b>Specificity</b>	Detects mouse Fas Ligand/TNFSF6 in ELISAs and Western blots. In Western blots, approximately 5% cross-reactivity with recombinant human Fas Ligand/TNFSF6 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Fas Ligand/TNFSF6. Pro132-Leu279 Accession Number Q544E9
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FasL Fas ligand (TNF superfamily, member 6) [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	FASL
<b>Synonyms</b>	FASL; Fas ligand (TNF superfamily, member 6); gld; CD178; CD95L; Fas-L; Faslg; CD95-L; Tnfsf6; APT1LG1; tumor necrosis factor ligand superfamily member 6; CD95 ligand; Fas antigen ligand; generalized lymphoproliferative disease;
<b>Entrez Gene ID</b>	<a href="#">14103</a>
<b>Protein Refseq</b>	<a href="#">NP_001192172</a>
<b>UniProt ID</b>	<a href="#">Q99PH8</a>
<b>Chromosome Location</b>	1 H2.1; 1 69.95 cM
<b>Pathway</b>	African trypanosomiasis; Allograft rejection; Apoptosis; Apoptosis signaling pathway; Autoimmune thyroid disease; Caspase-8 activation; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction;
<b>Function</b>	cytokine activity; death receptor binding; tumor necrosis factor receptor binding;