



Anti-FASLG polyclonal antibody [Biotin] (DPABY-482)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Detects human Fas Ligand in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse Fas Ligand, recombinant human (rh) OX40 Ligand, rhAPRIL, rhTRANCE, rhGITR FcChimera, rhLIGHT, rhTNF-alpha, and rhTWEAK is observed.
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Fas Ligand . Pro134-Leu281 Accession Number Q53ZZ1
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, 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	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

Gene Name	FASLG Fas ligand (TNF superfamily, member 6) [Homo sapiens (human)]
Official Symbol	FASLG
Synonyms	FASLG; Fas ligand (TNF superfamily, member 6); APTL; FASL; CD178; CD95L; ALPS1B; CD95-L; TNFSF6; APT1LG1; tumor necrosis factor ligand superfamily member 6; CD95 ligand; fas antigen ligand; apoptosis antigen ligand; apoptosis (APO-1) antigen ligand 1; tum
Entrez Gene ID	356
Protein Refseq	NP_000630
UniProt ID	P48023
Chromosome Location	1q23
Pathway	African trypanosomiasis; Allograft Rejection; Allograft rejection; Apoptosis; Apoptosis Modulation and Signaling; Autoimmune thyroid disease; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Calcium signaling in the CD4+ TCR pathway;
Function	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;