



Anti-FASL monoclonal antibody, clone 202737 (DCABY-4079)

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 mouse Fas Ligand/TNFSF6 in ELISAs and Western blots. In Western blots, approximately 2% cross-reactivity with recombinant mouse (rm) TNF-alpha is observed and no cross-reactivity with recombinant human (rh) APRIL, rhFas Ligand, rhGITR Ligand, rhLIGHT, rhTRAIL, rmTRANCE, and rhVEGI is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Fas Ligand/TNFSF6. Pro132-Leu279 Accession Number P41047
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	202737
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Neutralization
Format	Liquid

Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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	Fasl Fas ligand (TNF superfamily, member 6) [Mus musculus (house mouse)]
Official Symbol	FASL
Synonyms	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;
Entrez Gene ID	14103
Protein Refseq	NP_001192172
UniProt ID	Q99PH8
Chromosome Location	1 H2.1; 1 69.95 cM
Pathway	African trypanosomiasis; Allograft rejection; Apoptosis; Apoptosis signaling pathway; Autoimmune thyroid disease; Caspase-8 activation; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction;
Function	cytokine activity; death receptor binding; tumor necrosis factor receptor binding;