



20150217ML

Anti-Human TNFSF6 (#1Z20)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M683
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 recombinant TNFSF6 extracellular domain (also called Fas-ligand).

Target Background

Synonyms (Target):	FASLG; FASL; CD178; CD95L; CD95-L; TNFSF6; APT1LGI
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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.

Database References Target

Protein RefSeq:	NP_000630.1
Uniprot ID:	P48023
mRNA RefSeq:	NM_000639.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#1Z20)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human TNFSF6 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

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 TNFSF6.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

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