

Mouse Anti-Human Fas Ligand (FasL) clone ALF1.2, Monoclonal Antibody

Catalog No.:	CMF003	Size: 100 µg/100 µL
Description:	Fas ligand (FasL), also known as CD95L, is a member of the TNF family and induces apoptosis via binding to Fas (CD95). The protein exists in two forms; either membrane FasL or soluble FasL, which migrate at molecular weight of 45 kDa and 26 kDa, respectively. FasL is expressed on a variety of cells including activated lymphocytes, natural killer cells and monocytes. Interaction of FasL and Fas plays an important role in physiological apoptotic processes. Malfunction of the Fas-FasL system causes hyperplasia in peripheral lymphoid organs and accelerates autoimmune disease progression and tumorigenesis. ALF1.2 antibody reacts with FasL-transfected cells and recognizes soluble and membrane bound forms of human FasL.	
Isotype:	Mouse IgG _{2a}	
Formulation:	Purified immunoglobulin in phosphate buffered saline, pH 7.2, with 1% bovine serum albumin. Preservative: 0.1% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)	
Purification:	Purified from ascites by Protein A/G chromatography.	
Immunogen:	Recombinant soluble, active form of human Fas ligand.	
Cross-reactivity:	Human. Other species were not tested.	
Applications:	This antibody is suitable for use in ELISA and flow cytometry.	
Working Dilution:	For flow cytometry, use 0.5-1.0 µg per 10 ⁶ cells. The optimal antibody concentration should be determined for each specific application.	
Storage:	Store at 2-8°C. For long term storage, aliquot into small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.	

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

