

Anti-mouse CD30L mIgG2a Antibody

Product Information

Product Name	Anti-mouse CD30L mIgG2a Antibody
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-88402MAB-1mg / 1 mg GM-88402MAB-5mg / 5 mg GM-88402MAB-25mg / 5 mg*5 vials GM-88402MAB-50mg / 50 mg GM-88402MAB-100mg / 50 mg*2 vials

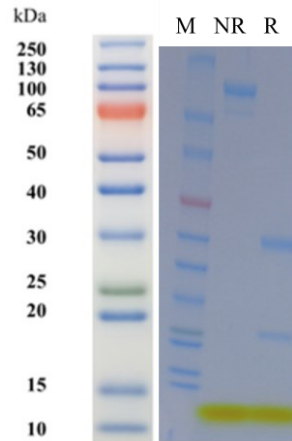
Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.22 μm Filtered
Target	CD30L
Clone	/
Alternative Names	CD153, CD30LG, Cd30l, Tnlg3a
Source/Isotype	Mouse IgG2a(L234A, L235A, P329G), Kappa
Application	Flow Cytometry; Bioactivity-ELISA
Gene ID	21949 (mouse)
Description	The CD30L gene, known as tumor necrosis factors ligand family member 8(TNFSF8), is a key molecule in the immune system. It encodes a type II transmembrane glycoprotein, which belongs to the tumor necrosis factors (TNF) family and is mainly expressed on the surface of activated T cells, B cells, macrophages and other immune cells. CD30L, as a ligand of CD30 receptor, regulates the proliferation, differentiation and death of lymphocytes by binding to it, which is essential for the fine regulation of immune response. In addition, CD30L is also a marker of hematological malignancies such as Hodgkin's lymphoma, which is involved in the occurrence and development of tumors. Therefore, it has become an important target for immunotherapy and cancer research.
Formulation	Phosphate-buffered solution, pH 7.2-7.4.

Version:3.1

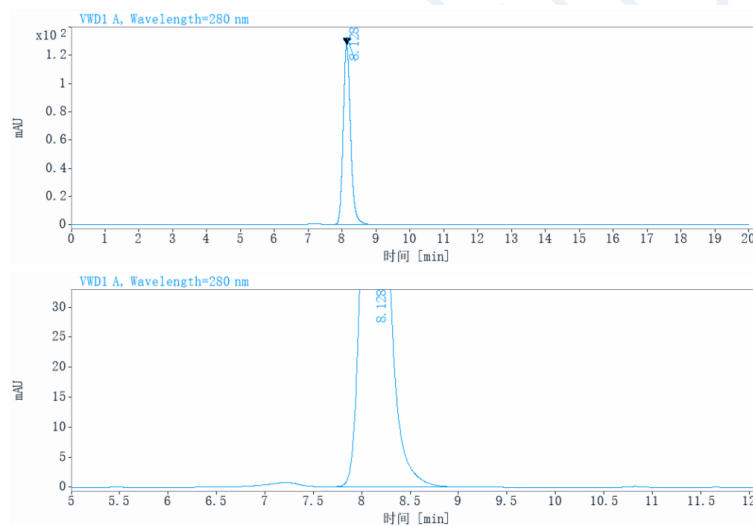
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Flow Cytometry

Mouse_TNFSF8(CD30L) CHO-K1 Cell Line (Catalog # GM-C43850) was stained with Anti-mouse CD30L mIgG2a Antibody (Catalog # GM-88402MAB) or isotype control antibody, followed by anti-Mouse IgG APC-conjugated Secondary Antibody.

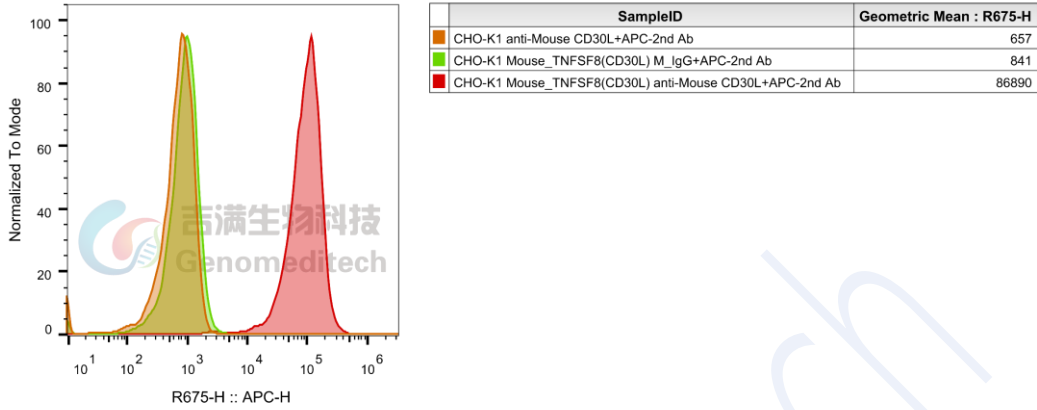


Fig. FACS

Bioactivity-ELISA

Mouse TNFSF8(CD30L) Protein; hFc Tag (Catalog # GM-88437RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-mouse CD30L mIgG2a Antibody (Catalog # GM-88402MAB) were added.

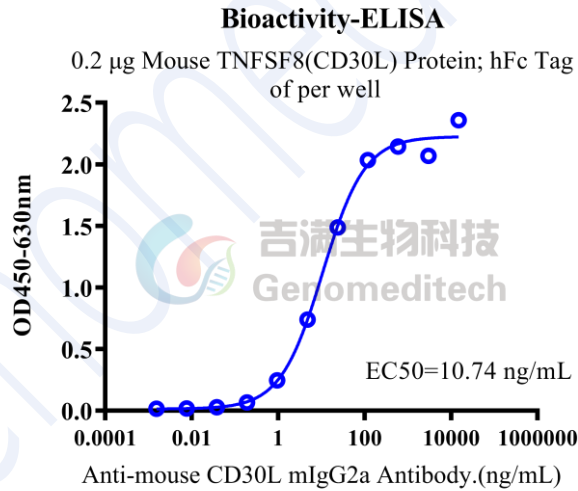


Fig. ELISA