

Anti-OX40L hlgG4 Reference Antibody (Amlbio)

Product Information

Product Name	Anti-OX40L hlgG4 Reference Antibody (Amlbio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87799MAB-1mg / 1 mg GM-87799MAB-5mg / 5 mg GM-87799MAB-25mg / 25 mg GM-87799MAB-50mg / 50 mg GM-87799MAB-100mg / 100 mg

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	0.2 μm Filtered
Target	OX40L
Clone	Amlitelimab
Alternative Names	GP34; CD252; OX40L; TXGP1; CD134L; OX-40L; TNLG2B
Source/Isotype	Human IgG4 (S228P/ L235E), Kappa
Application	/
Description	OX40, also known as CD134 and Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), is a member of the TNFR-superfamily of receptors which is not constitutively expressed on resting naive T cells, unlike CD28. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation; its ligand, OX40L, is also not expressed on resting antigen presenting cells, but is following their activation. Expression of OX40 is dependent on full activation of the T cell; without CD28, expression of OX40 is delayed and of fourfold lower levels. OX40L binds to OX40 receptors on T-cells, preventing them from dying and subsequently increasing cytokine production. OX40 has a critical role in the maintenance of an immune response beyond the first few days and onwards to a memory response due to its ability to enhance survival. OX40 also plays a crucial role in both Th1 and Th2 mediated reactions in vivo.

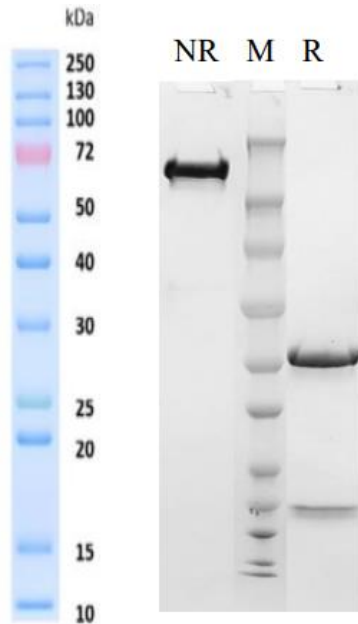
Version:3.1.1.3 Revision Date:15/09/2023

Formulation

phosphate-buffered solution, pH 7.4.

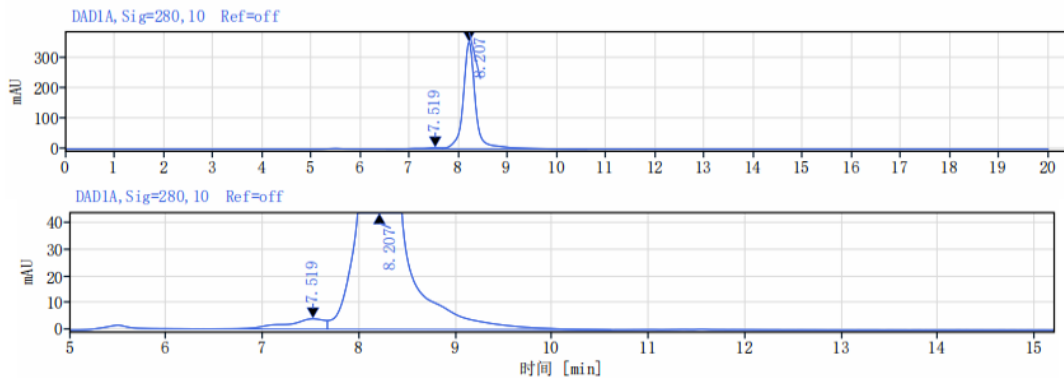
Data Examples

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