

# Anti-CD19 hlgG1 Reference Antibody (Loncbio)

## Product Information

<b>Product Name</b>	Anti-CD19 hlgG1 Reference Antibody (Loncbio)
<b>Storage temp.</b>	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
<b>Catalog# / Size</b>	GM-87912MAB-1mg / 1 mg GM-87912MAB-5mg / 5 mg GM-87912MAB-25mg / 25 mg GM-87912MAB-50mg / 50 mg GM-87912MAB-100mg / 100 mg

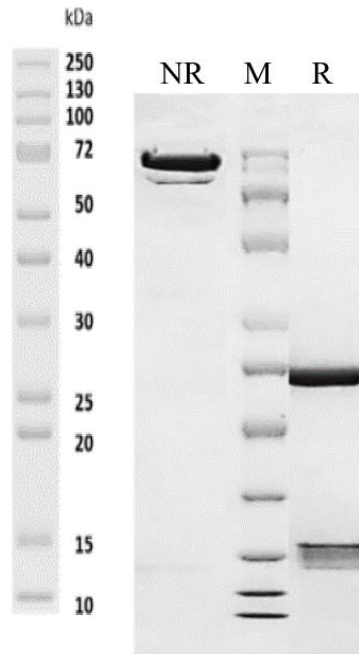
## Antibody Information

<b>Expression System</b>	CHO
<b>Aggregation</b>	< 5% as determined by SEC-HPLC
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Endotoxin</b>	< 1 EU/mg, determined by LAL gel clotting assay
<b>Sterility</b>	0.2 $\mu\text{m}$ Filtered
<b>Target</b>	CD19
<b>Clone</b>	Loncastuximab
<b>Alternative Names</b>	B4, CVID3
<b>Source/Isotype</b>	Human IgG1 (D356E/L358M),Kappa
<b>Application</b>	/
<b>Description</b>	B-lymphocyte antigen CD19, also known as CD19 molecule (Cluster of Differentiation 19), B-Lymphocyte Surface Antigen B4, T-Cell Surface Antigen Leu-12 and CVID3 is a transmembrane protein that in humans is encoded by the gene CD19. In humans, CD19 is expressed in all B lineage cells. CD19 plays two major roles in human B cells: on the one hand, it acts as an adaptor protein to recruit cytoplasmic signaling proteins to the membrane; on the other, it works within the CD19/CD21 complex to decrease the threshold for B cell receptor signaling pathways. Due to its presence on all B cells, it is a biomarker for B lymphocyte development, lymphoma diagnosis and can be utilized as a target for leukemia immunotherapies.
<b>Formulation</b>	phosphate-buffered solution, pH 7.4.

Version:3.1

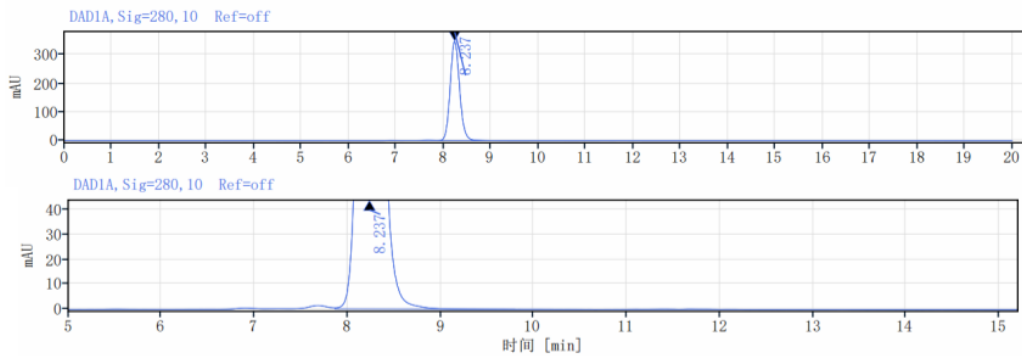
## Data Examples

### 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