

Anti-DLL3 hlgG1 Reference Antibody (Rovabio)

Product Information

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-DLL3 hlgG1 Reference Antibody (Rovabio) |
| 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-87163MAB-1mg / 1 mg GM-87163MAB-5mg / 5 mg GM-87163MAB-25mg / 25 mg GM-87163MAB-50mg / 50 mg GM-87163MAB-100mg / 100 mg |

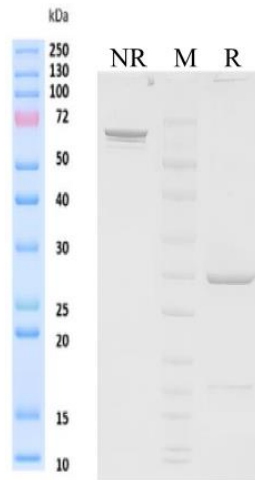
Antibody Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | DLL3 |
| Clone | Rovalpituzumab |
| Alternative Names | SCDO1 |
| Source/Isotype | Human IgG1(KDEL,delta 447K), Kappa |
| Application | Flow cytometry |
| Description | Delta-like 3 (Drosophila), also known as DLL3, is a protein which in humans is encoded by the DLL3 gene. This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Expression of DLL3 is highest in fetal brain. It plays a key role in somitogenesis within the Paraxial mesoderm. Mutations in this gene cause the autosomal recessive genetic disorder Jarcho-Levin syndrome. Expression of the gene occurs in Neuroendocrine tumors, which has been targeted as a potential pathway for treatment. An experimental drug, rovalpituzumab tesirine, targets DLL3 as a possible treatment for lung cancer. |
| Formulation | phosphate-buffered solution, pH 7.4. |

Version:3.2

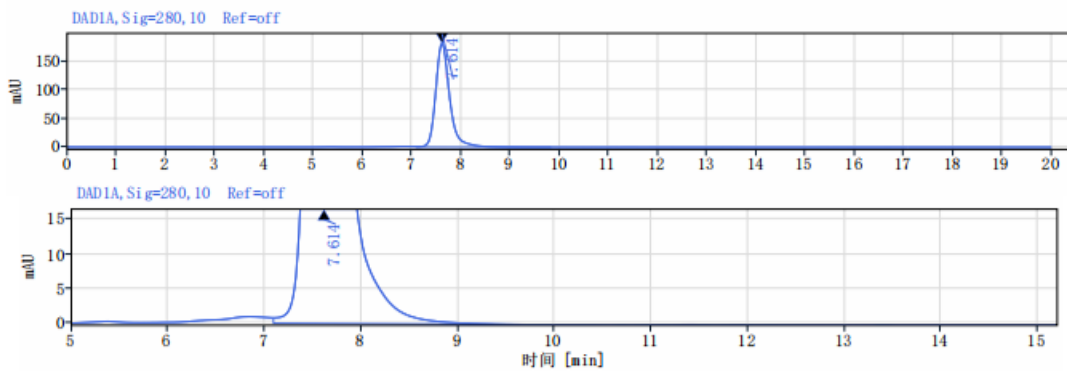
Data Examples

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

Data Examples

Flow cytometry

H_DLL3 HEK-293 Cell Line (Catalog # GM-C12896) was stained with Anti-DLL3 hIgG1 Reference Antibody (Rovabio) (Catalog # GM-87163MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

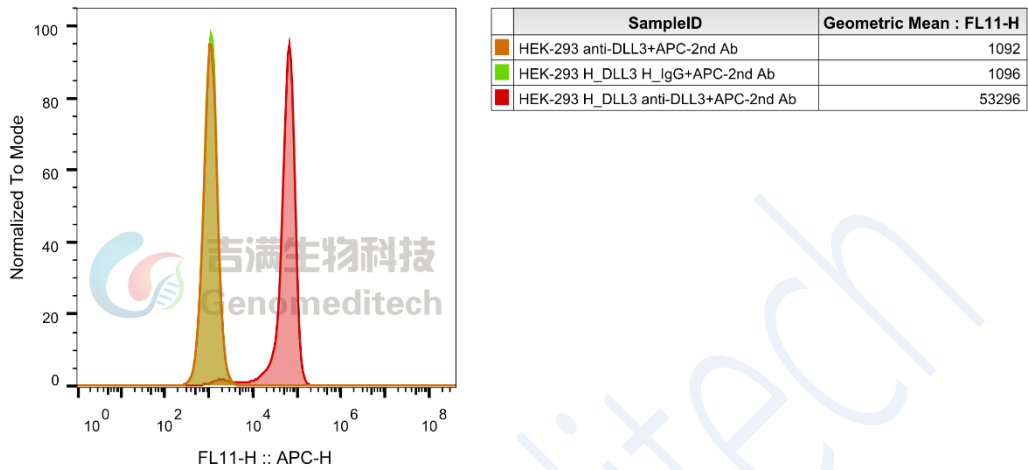


Fig. FACS