Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
Toll-free: 400 627 9288
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Anti-H_DLL3 hIgG1 Antibody(Rovalpituzumab)

Product information

GM-26560AB-10	10 μg
GM-26560AB-100	100 μg
GM-26560AB-1000	1 mg

Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	Rovalpituzumab
Source/Isotype	Monoclonal Human IgG1 /κ
Application	Flow Cytometry
Specificity	Detects DLL3
Gene	DLL3
Other Names	SCDO1
Gene ID	Q9NYJ7 (Human); A0A2K5WSR1-1 (Cynomolgus)
Background	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.
Storage	Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term.Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

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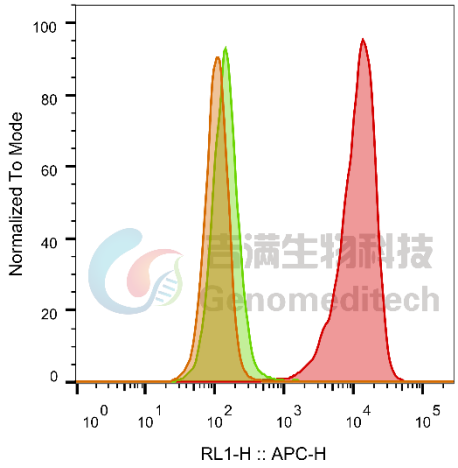
Data Examples

Flow cytometry

The recommended usage range is 0.5-4 μg per test. H_DLL3 CHO-K1 Cell Line (Catalog # GM-C25970) was stained with Anti-H_DLL3 hIgG1 Antibody(Rovalpituzumab)(Catalog # GM-26560AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

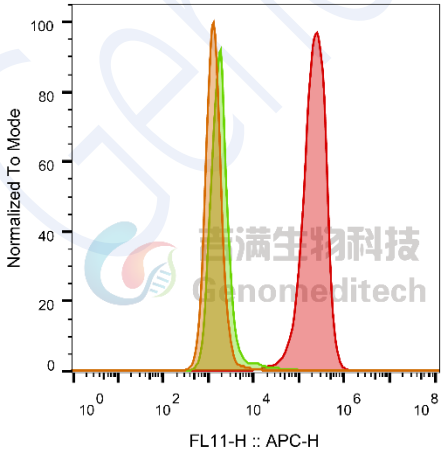


SampleID	Geometric Mean : RL1-H
CHO-K1 anti-H_DLL3+APC-2nd Ab	107
CHO-K1 H_DLL3 H_IgG+APC-2nd Ab	145
CHO-K1 H_DLL3 anti-H_DLL3+APC-2nd Ab	10776

Fig 1. FACS

Flow cytometry

The recommended usage range is 0.5-4 μg per test. Cynomolgus_DLL3 CHO-K1 Cell Line (Catalog # GM-C25971) was stained with Anti-H_DLL3 hIgG1 Antibody(Rovalpituzumab)(Catalog # GM-26560AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-H_DLL3+APC-2nd Ab	1361
CHO-K1 Cyno_DLL3 H_IgG+APC-2nd Ab	1942
CHO-K1 Cyno_DLL3 anti-H_DLL3+APC-2nd Ab	210512

Fig 2. FACS