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Anti-H_LY6E hIgG1 Antibody(Hu9B12v12)

Product information

GM-31757AB-10	10 μg
GM-31757AB-100	100 μg
GM-31757AB-1000	1 mg

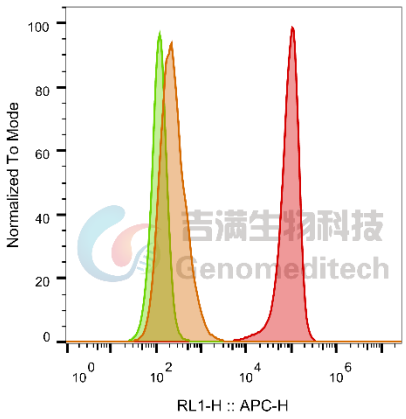
Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	Hu9B12v12
Source/Isotype	Monoclonal human IgG1, κ
Application	Flow cytometry
Specificity	Detects LY6E
Gene	LY6E
Other Names	RIG-E, RIGE, SCA-2, SCA2, TSA-1
Gene ID	4061(human), 101866361(cynomolgus)
Background	LY6E belongs to the human Ly6 gene family and encodes a glycosylphosphatidyl-inositol (GPI)-anchored cell surface protein. The protein plays an important role in T cell physiology, oncogenesis and immunological regulation. The protein is also involved in modulation of viral infection by coronaviruses, SARS-CoV, MERS-CoV and SARS-CoV-2.
Storage	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

The recommended usage range is 0.5-4 μg per test. H_LY6E HEK-293 Cell Line (Catalog # GM-C19355) was stained with Anti-H_LY6E hIgG1 Antibody (Catalog # GM-31757AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

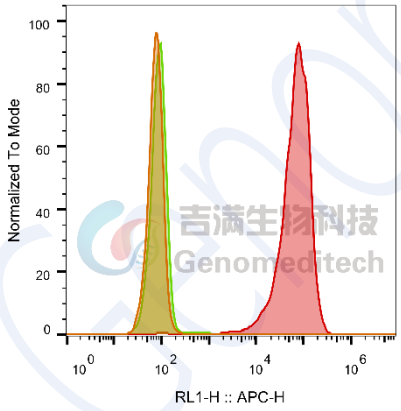


SampleID	Geometric Mean : RL1-H
HEK-293 anti-H_LY6E+APC-2nd Ab	247
HEK-293 H_LY6E H_IgG+APC-2nd Ab	120
HEK-293 H_LY6E anti-H_LY6E+APC-2nd Ab	87004

Fig. FACS

Flow cytometry

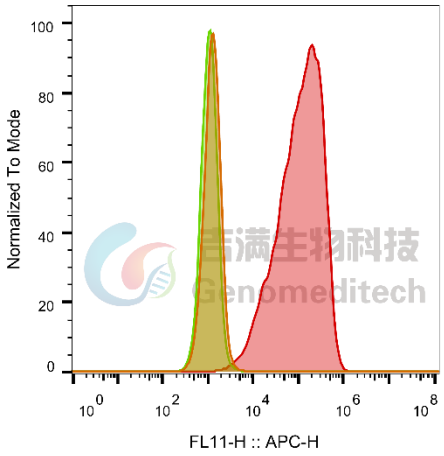
The recommended usage range is 0.5-4 μg per test.H_LY6E CHO-K1 Cell Line (Catalog # GM-C19356) was stained with Anti-H_LY6E hIgG1 Antibody (Catalog # GM-31757AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : RL1-H
CHO-K1 anti-H_LY6E+APC-2nd Ab	77.4
CHO-K1 H_LY6E H_IgG+APC-2nd Ab	90.9
CHO-K1 H_LY6E anti-H_LY6E+APC-2nd Ab	62463

Fig. FACS

Flow cytometry	The recommended usage range is 0.5-4 μg per test. Cynomolgus_LY6E CHO-K1 Cell Line (Catalog # GM-C24236) was stained with Anti-H_LY6E hIgG1 Antibody (Catalog # GM-31757AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



	SampleID	Geometric Mean : FL11-H
	CHO-K1 anti-H_LY6E+APC-2nd Ab	1287
	CHO-K1 Cyno_LY6E H_IgG+APC-2nd Ab	1087
	CHO-K1 Cyno_LY6E anti-H_LY6E+APC-2nd Ab	101555

Fig. FACS