Anti-H_STEAP1 hIgG1 Antibody(Vandortuzumab)

Product information

GM-33026AB-10	10 µg
GM-33026AB-100	100 µg
GM-33026AB-1000	1 mg

Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	Vandortuzumab
Source/Isotype	Monoclonal human IgG1/κ
Application	Flow cytometry
Specificity	Detects STEAP1
Gene	STEAP1
Other Names	PRSS24, STEAP
Gene ID	26872(human); 102133382(cynomolgus)
Background	STEAP-1 (six-transmembrane epithelial antigen of the prostate- 1) is a 339 amino acid cell surface protein which in normal tissues is expressed predominantly in prostate cells. STEAP-1 protein expression is maintained at high levels across various states of prostate cancer, and STEAP-1 is also highly over-expressed in other human cancers such as lung and colon. The expression profile of STEAP-1 in normal and cancer tissues suggested its potential use as a therapeutic target, e.g. for immunotherapy.
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

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Data Examples

Flow cytometry

The recommended usage range is 0.5-4 µg per test. H_STEAP1 HEK-293 Cell Line (Catalog # GM-C21520) was stained with Anti-H_STEAP1 hIgG1 Antibody (Catalog # GM-33026AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.
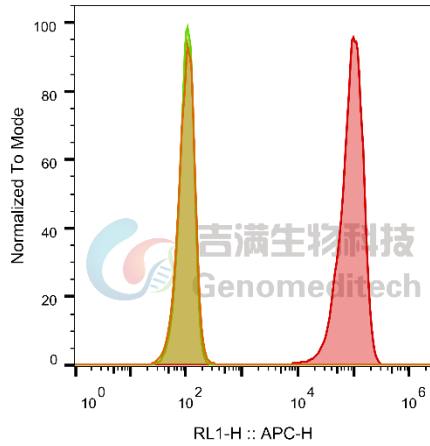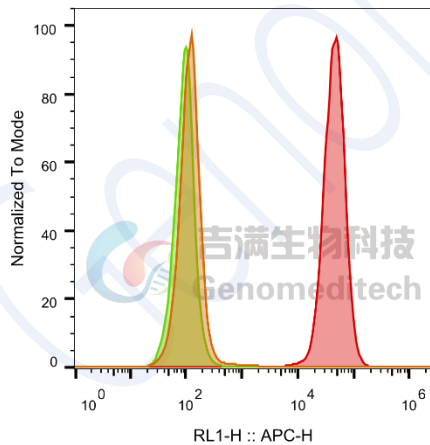

SampleID	Geometric Mean : RL1-H
HEK-293 anti-H_STEAP1+APC-2nd Ab	102
HEK-293 H_STEAP1 H_IgG+APC-2nd Ab	102
HEK-293 H_STEAP1 anti-H_STEAP1+APC-2nd Ab	86587

Fig. FACS

Flow cytometry

The recommended usage range is 0.5-4 µg per test. Cynomolgus_STEAP1 CHO-K1 Cell Line (Catalog # GM-C21521) was stained with Anti-H_STEAP1 hIgG1 Antibody (Catalog # GM-33026AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

SampleID	Geometric Mean : RL1-H
CHO-K1 anti-STEAP1+APC-2nd Ab	120
CHO-K1 Cyno_STEAP1 H_IgG+APC-2nd Ab	93.8
CHO-K1 Cyno_STEAP1 anti-STEAP1+APC-2nd Ab	43707

Fig. FACS

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