

Anti-H_CAIX hlgG1 Antibody(girentuximab)

产品信息

GM-27130AB-10	10 µg
GM-27130AB-100	100 µg
GM-27130AB-1000	1 mg

抗体信息

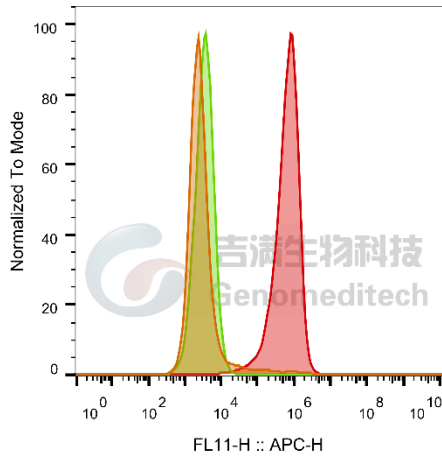
Species Reactivity	Human
Specificity	Detects human CAIX.
Source/Isotype	Monoclonal Human IgG1/k
Other Names	CA9; MN
Gene ID	768
Application	Flow cytometry: 1 µg-4 µg /1E6 cells; FC-Quality tested
Background	Carbonic anhydrase IX (CA9/CA IX) is an enzyme that in humans is encoded by the CA9 gene. It is one of the 14 carbonic anhydrase isoforms found in humans and is a transmembrane dimeric metalloenzyme with an extracellular active site that facilitates acid secretion in the gastrointestinal tract. Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. CA IX is overexpressed in many types of cancer including clear cell renal cell carcinoma (RCC) as well as carcinomas of the cervix, breast and lung where it promotes tumor growth by enhancing tumor acidosis.
Storage	Store at +4°C short term (1-2 weeks). Store at -20°C long term
Formulation	Phosphate-buffered solution, pH 7.2.

Version:2.1 Revision Date:10/10/2022

Data Examples

Flow cytometry

H_CA9(CAIX) CHO-K1 Cell Line (Catalog # GM-C19081) was stained with Anti-H_CAIX hIlgG1 Antibody (Catalog # GM-27130AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti_CAIX+APC-2nd Ab	3084
CHO-K1 H_CA9(CAIX) H_IgG+APC-2nd Ab	3485
CHO-K1 H_CA9(CAIX) anti_CAIX+APC-2nd Ab	6.03E5

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