

PRODUCT INFORMATION

Clone ID	1D12
Target	CA12
Synonyms	CA-XII
Host Species	Rabbit
Description	Anti-CA12 antibody(1D12), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	O43570
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Powder
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Background	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. This gene product is a type I membrane protein that is highly expressed in normal tissues, such as kidney, colon and pancreas, and has been found to be overexpressed in 10% of clear cell renal carcinomas. Three transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jun 2014]
Usage	Research use only
Conjugate	Unconjugated



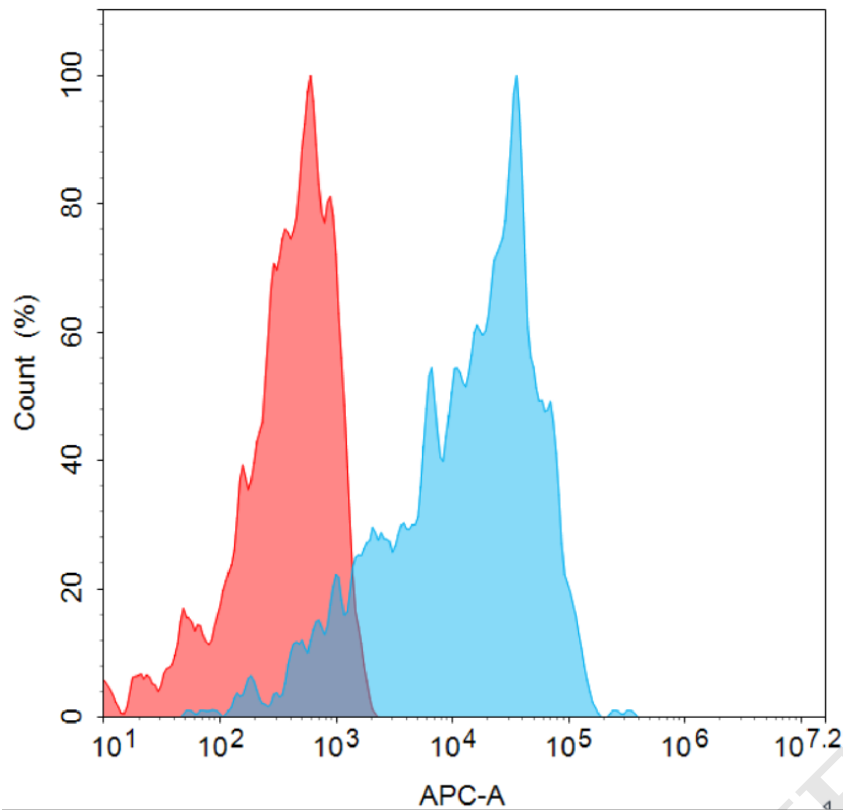


Figure 1. Flow cytometry analysis with 1 μ g/mL Anti-CA12 antibody(1D12) mAb on HEK293 cells transfected with human CA12 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

