

Anti-PTK7 hIgG1 Antibody(Cofetuzumab)

Product Information

GM-56186AB-10	10 µg
GM-56186AB-100	100 µg
GM-56186AB-1000	1 mg

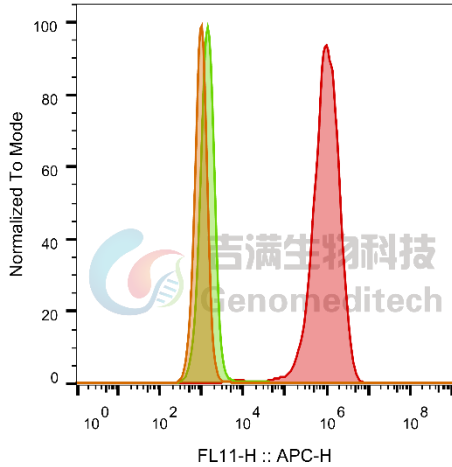
Antibody Information

Species Reactivity	Human
Specificity	Detects human PTK7.
Source/Isotype	Monoclonal Human IgG1/ κ
Other Names	CCK4; CCK-4
Gene ID	Human : 5754; Cynomolgus : 102126644
Application	Flow cytometry: 0.5 µg/test-4 µg/test; FC-Quality tested
Background	Tyrosine-protein kinase-like 7 also known as colon carcinoma kinase 4 (CCK4) is a receptor tyrosine kinase that in humans is encoded by the PTK7 gene. Receptor protein tyrosine kinases transduce extracellular signals across the cell membrane. A subgroup of these kinases lack detectable catalytic tyrosine kinase activity but retain roles in signal transduction. The protein encoded by this gene an intracellular domain with tyrosine kinase homology and may function as a cell adhesion molecule. This gene is thought to be expressed in colon carcinomas but not in normal colon, and therefore may be a marker for or may be involved in tumor progression. Four transcript variants encoding four different isoforms have been found for this gene..
Storage	Store at +4°C short term (1-2 weeks). Store at -20°C long term
Formulation	Phosphate-buffered solution, pH 7.2.

Data Examples

Flow cytometry

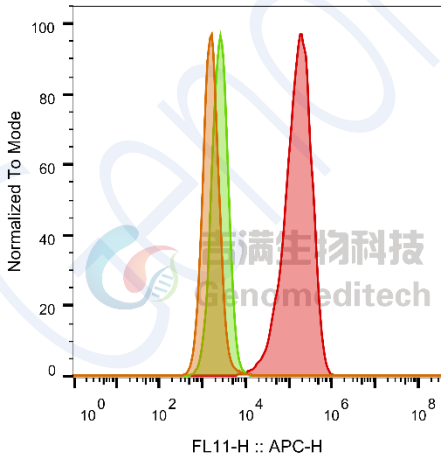
H_PTK7(CCK4) CHO-K1 Cell Line (Catalog # GM-C29459) was stained with Anti-PTK7 hIgG1 Antibody (Catalog # GM-56186AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 Anti-PTK7+APC-2nd Ab	988
CHO-K1 H_PTK7 H_IgG+APC-2nd Ab	1462
CHO-K1 H_PTK7 Anti-PTK7+APC-2nd Ab	8.86E5

Flow cytometry

Cynomolgus_PTK7(CCK4) CHO-K1 Cell Line (Catalog # GM-C29460) was stained with Anti-PTK7 hIgG1 Antibody (Catalog # GM-56186AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 Anti-PTK7+APC-2nd Ab	1601
CHO-K1 Cyno_PTK7 H_IgG+APC-2nd Ab	2549
CHO-K1 Cyno_PTK7 Anti-PTK7+APC-2nd Ab	154697