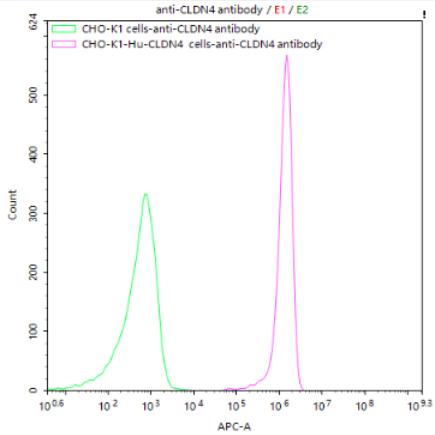
Human CLDN4 Overexpression CHOK1 Cell Line

Catalog # U0641 Size

Applications



Flow Cytometry

Untransfected CHO-K1 cells (green line) and transfected Human CLDN4 CHO-K1 stable cells (red line) were stained with anti-CLDN4 antibody, washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

Specification

Product Description	Human CLDN4 CHOK1 Stable Cell Line
Transfected Cell Line	CHOK1 cell
Host	Hamster
Form	Liquid
Recommend Usage	ELISA Flow Cytometry
Growth Properties	Adherent
Selection Marker	Puromycin
Culture Medium	F-12K + 10% FBS + 8 ug/mL Puromycin
Storage Buffer	35% FBS, 55% F-12K, 10% DMSO

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Storage Instruction	Store at -80°C. For long term storage store at liquid nitrogen storage. Aliquot to avoid repeated freezing and thawing.
Note	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES OR THERAPEUTIC APPLICATIONS.

Applications

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Gene Info — CLDN4

Entrez GeneID	1364
Protein Accession#	O14493
Gene Name	CLDN4
Gene Alias	CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R
Gene Description	claudin 4
Omim ID	602909
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq
Other Designations	Clostridium perfringens enterotoxin receptor 1|Williams-Beuren syndrome chromosomal region 8 protein

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration
- Tight junction

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