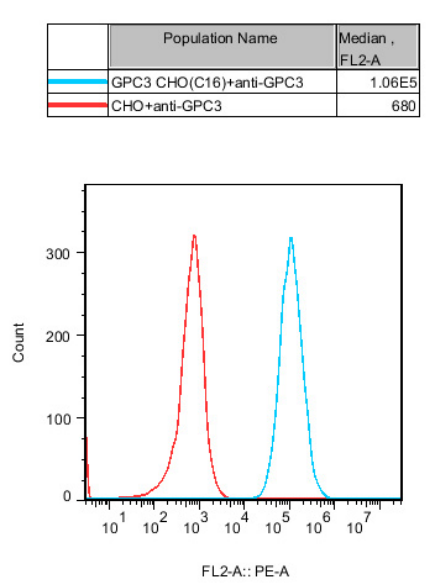
Human GPC3 Overexpression CHO-K1 Cell Line

Catalog # U1317 Size

Applications



Flow Cytometry

Recombinant GPC3 CHO constitutively expressing GPC3.

Specification

Product Description	CHO-K1 cell line expressing human GPC3.
Package	>1x10^6 per vial in 1 mL
Transfected Cell Line	CHO-K1
Immunogen	GPC3
Host	Hamster
Reactivity	Hamster
Form	Liquid
Recommend Usage	Flow Cytometry

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Growth Properties	Adherent
Selection Marker	Puromycin
Culture Medium	F12K + 10% FBS + 5 ug/mL Puromycin
Storage Buffer	10% DMSO, recombinant albumin (expressed in E. coli), trehalose, methylcellulose, and HEPES.
Storage Instruction	Store in liquid nitrogen immediately upon receipt. Aliquot to avoid repeated freezing and thawing.
Note	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES OR THERAPEUTIC APPLICATIONS.

Applications

- Flow Cytometry

  Recombinant GPC3 CHO constitutively expressing GPC3.

Gene Info — GPC3

Entrez GeneID	2719
Protein Accession#	P51654
Gene Name	GPC3
Gene Alias	DGSX, OCI-5, SDYS, SGB, SGBS, SGBS1
Gene Description	glypican 3
Omim ID	194070 300037 312870
Gene Ontology	Hyperlink
Gene Summary	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000024058|OTTHUMP00000062492|glypican proteoglycan 3

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