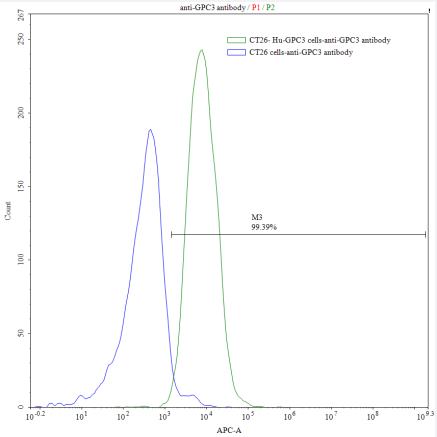
Human GPC3 Overexpression CT26 Cell Line

Catalog # U0624 Size

Applications



Flow Cytometry

Untransfected CT26 cells (green line) and transfected Human GPC3 CT26 Stable cells (red line) were stained with anti-GPC3 antibody, washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

Specification

Product Description	Human GPC3 CT26 Stable Cell Line
Transfected Cell Line	CT26 cell
Host	Mouse
Form	Liquid
Recommend Usage	ELISA Flow Cytometry
Growth Properties	Adherent
Selection Marker	Puromycin
Culture Medium	DMEM + 10% FBS + 10 ug/mL Puromycin
Storage Buffer	35% FBS, 55% DMEM, 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

- Flow Cytometry

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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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