PRODUCT INFORMATION

Target	GPC3
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human GPC3 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	P51654
Applications	FACS Data
Growth media	RPMI-1640+10% FBS+1% P.S+1% Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Suggested Control	SKU: BME100083
Warranty and Disclaimer	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
Storage&Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Synonyms	DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1
Background	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.
Usage	For research use only.

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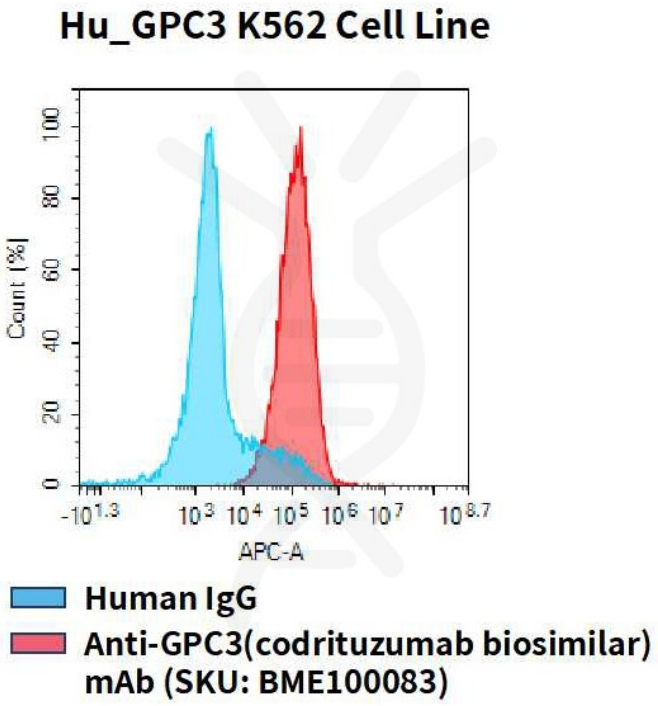


Figure 1. Flow cytometry analysis of human GPC3 overexpression using Hu_GPC3 K562 Cell Line (Cat. No. CEL100084) and Anti-GPC3(codrituzumab biosimilar) mAb (Cat. No. BME100083)

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