PRODUCT INFORMATION

Target	CLDN18.2
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human CLDN18.2 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	P56856
Applications	FACS Data
Growth media	RPMI-1640+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Host Species	Human
Suggested Control	SKU: BME100075
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	Claudin 18.2
Background	The protein encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is upregulated in patients with ulcerative colitis and highly overexpressed in infiltrating ductal adenocarcinomas. PKC/MAPK/AP-1 (protein kinase C/mitogen-activated protein kinase/activator protein-1) dependent pathway regulates the expression of this gene in gastric cells. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jun 2010]
Usage	For research use only.

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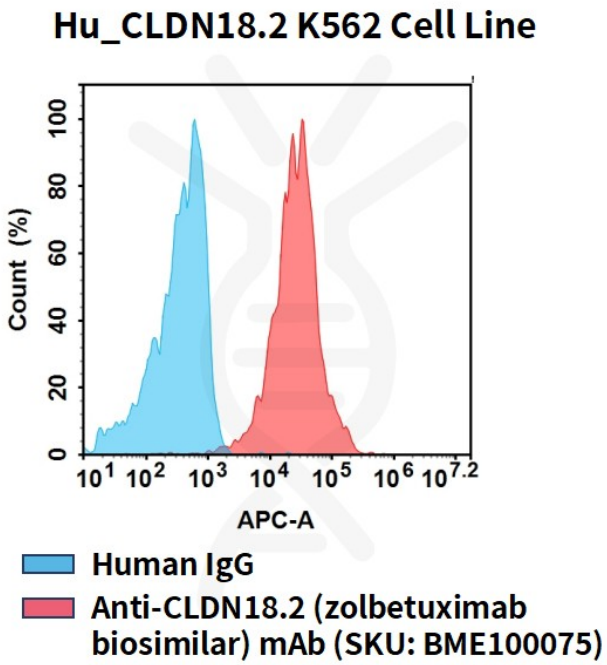

Figure 1. Flow cytometry analysis of human CLDN18.2 overexpression using Hu_CLDN18.2 K562 Cell Line (Cat. No. CEL100100) and Anti-CLDN18.2 (zolbetuximab biosimilar) mAb (Cat. No. BME100075)

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