PRODUCT INFORMATION

Target	B7-H3
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human B7H3 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	Q5ZPR3
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: BME100181
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	B7H3;CD276;4Ig-B7-H3
Background	The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Usage	For research use only.

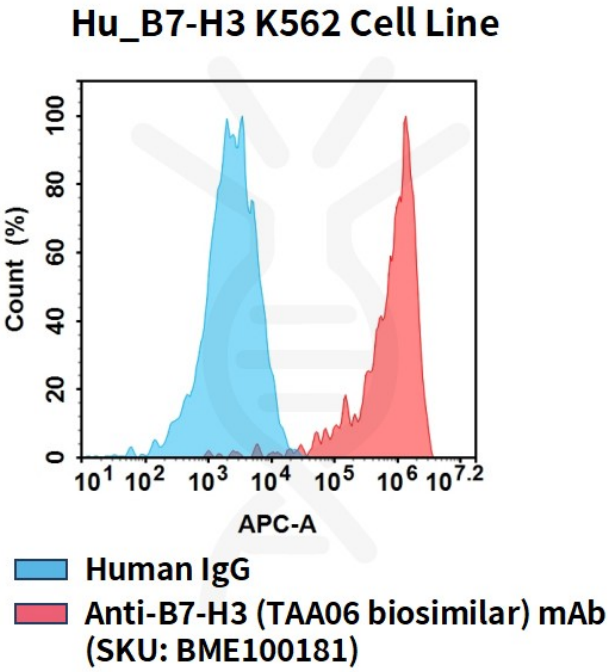

Figure 1. Flow cytometry analysis of human B7-H3 overexpression using Hu_B7-H3 K562 Cell Line (Cat. No. CEL100101) and Anti-B7-H3 (TAA06 biosimilar) mAb (Cat. No. BME100181)