PRODUCT INFORMATION

Target	CEACAM6
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human CEACAM6 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	P40199
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: BME100100
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	CD66c; CEAL; NCA
Background	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq; Apr 2014]
Usage	For research use only.

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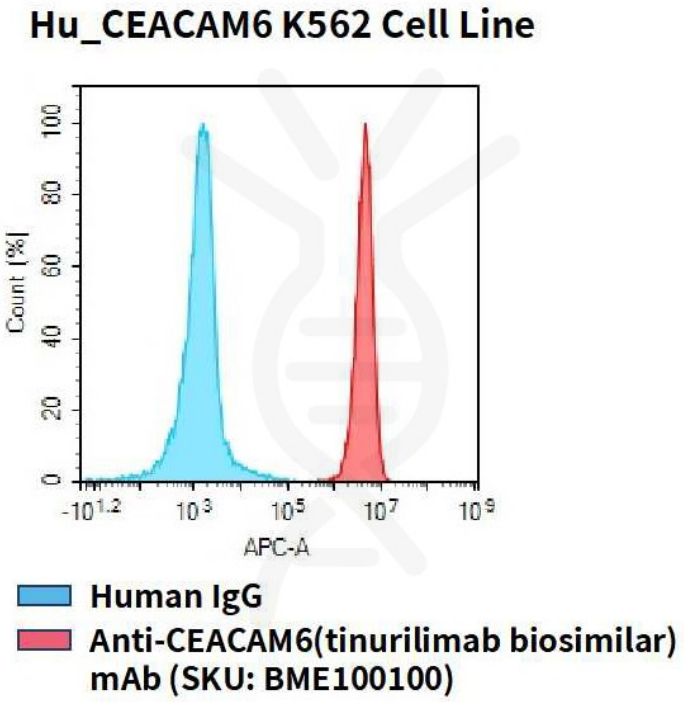


Figure 1. Flow cytometry analysis of human CEACAM6 overexpression using Hu_CEACAM6 K562 Cell Line (Cat. No. CEL100058) and Anti-CEACAM6(tinurilimab biosimilar) mAb (Cat. No. BME100100)

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