## PRODUCT INFORMATION

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|---|---|
| **Target** | CD27 |
| **Description** | Monoclonal Cell Line Derived from 293T Cells, Engineered for Stable Expression of Human CD27 Using Lentiviral Technology |
| **Host Cells** | 293T |
| **Uniprot ID** | P26842 |
| **Applications** | FACS Data |
| **Growth media** | DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin |
| **Package** | 5E6 Cells/mL |
| **Host Species** | Human |
| **Suggested Control** | SKU: BME100018 |
| **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** | CD27;TNFRSF7;S152;T14;Tp55 |
| **Background** | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. |
| **Usage** | For research use only. |



Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

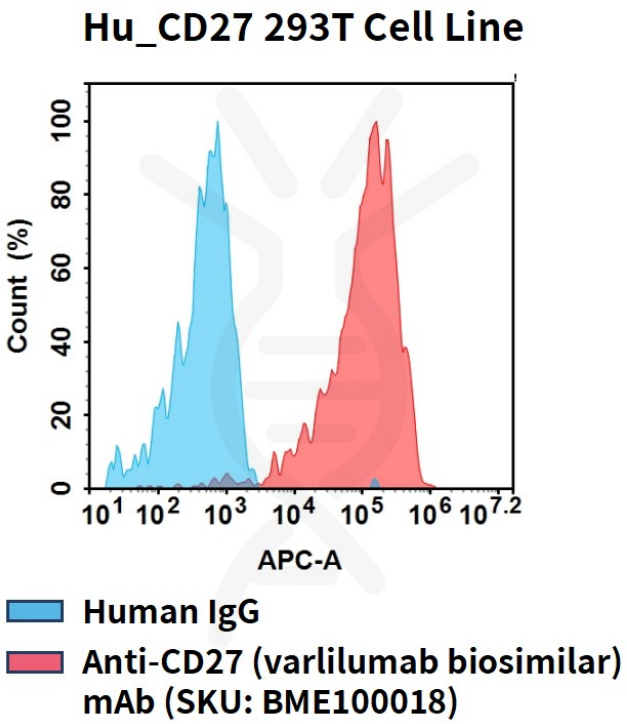


Figure 1. Flow cytometry analysis of human CD27 overexpression using Hu_CD27 293T Cell Line (Cat. No. CEL100106) and Anti-CD27 (varlilumab biosimilar) mAb (Cat. No. BME100018)



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