## PRODUCT INFORMATION

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|---|---|
| **Target** | MICA |
| **Description** | Monoclonal Cell Line Derived from CHO-S Cells, Engineered for Stable Expression of Human MICA Using Lentiviral Technology |
| **Host Cells** | CHO-S |
| **Uniprot ID** | Q29983 |
| **Applications** | FACS Data |
| **Growth media** | DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin |
| **Package** | 5E6 Cells/mL |
| **Suggested Control** | SKU: DME100157 |
| **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** | MIC-A; PERB11.1 |
| **Background** | This gene encodes the highly polymorphic major histocompatability complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral membrane protein receptor. The protein functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. Variations in this gene have been associated with susceptibility to psoriasis 1 and psoriatic arthritis, and the shedding of MICA-related antibodies and ligands is involved in the progression from monoclonal gammopathy of undetermined significance to multiple myeloma. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2014] |
| **Usage** | For research use only. |

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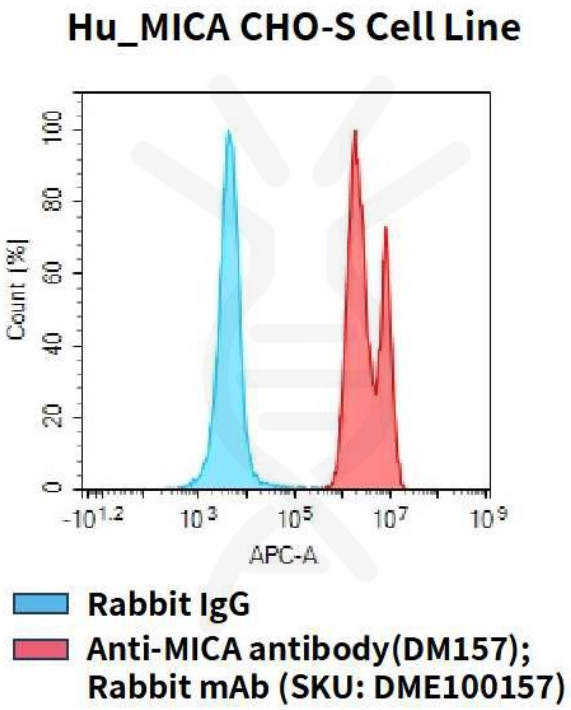



Figure 1. Flow cytometry analysis of human MICA overexpression using Hu_MICA CHO-S Cell Line (Cat. No. CEL100046) and Anti-MICA antibody(DM157)Rabbit mAb (Cat. No. DME100157)

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