PRODUCT INFORMATION

Target	Mesothelin
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human MSLN Using Lentiviral Technology
Host Cells	K562
Uniprot ID	Q13421
Applications	FACS Data
Growth media	RPMI-1640+10% FBS+1% P.S+2 ug/mL Puromycin
Package	5E6 Cells/mL
Host Species	Human
Suggested Control	SKU: BME100021
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.
Synonyms	MSLN;Mesothelin;MPF
Background	This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
Storage&Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Usage	For research use only.

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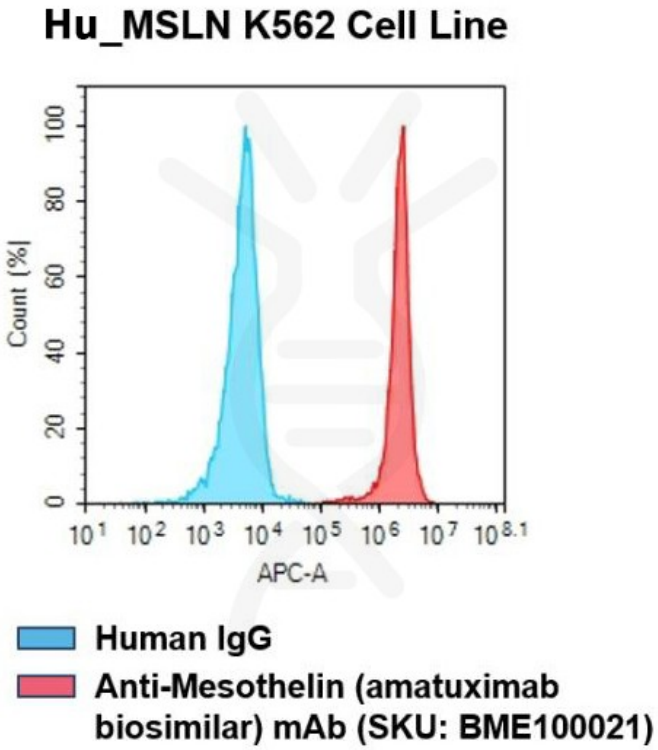


Figure 1. Flow cytometry analysis of human MSLN overexpression using Hu_MSLN K562 Cell Line (Cat. No. CEL100008) and Anti-Mesothelin (amatuximab biosimilar) mAb (Cat. No. BME100021)

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