PRODUCT INFORMATION

Target	CD114
Description	Monoclonal Cell Line Derived from Jurkat Cells, Engineered for Stable Expression of Human CD114 Using Lentiviral Technology
Host Cells	Jurkat
Uniprot ID	Q99062
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: DME100172
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	CSF3R;CD114;GCSFR
Background	The protein encoded by this gene is the receptor for colony stimulating factor 3; a cytokine that controls the production; differentiation; and function of granulocytes. The encoded protein; which is a member of the family of cytokine receptors; may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome; also known as severe congenital neutropenia.
Usage	For research use only.

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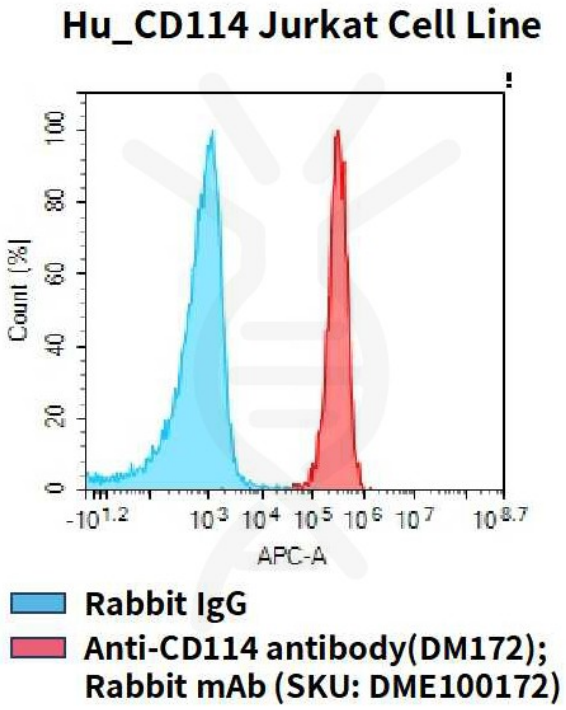


Figure 1. Flow cytometry analysis of human CD114 overexpression using Hu_CD114 Jurkat Cell Line (Cat. No. CEL100073) and Anti-CD114 antibody(DM172)Rabbit mAb (Cat. No. DME100172)

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