

## PRODUCT INFORMATION

<b>Target</b>	CD44
<b>Description</b>	Monoclonal Cell Line Derived from CHO-S Cells, Engineered for Stable Expression of Human CD44 Using Lentiviral Technology
<b>Host Cells</b>	CHO-S
<b>Uniprot ID</b>	P16070
<b>Applications</b>	FACS Data
<b>Growth media</b>	DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
<b>Package</b>	5E6 Cells/mL
<b>Host Species</b>	Human
<b>Suggested Control</b>	SKU: DMC100269
<b>Warranty and Disclaimer</b>	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.
<b>Storage&amp;Shipping</b>	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
<b>Synonyms</b>	CD44;CDW44;CSPG8;ECMR-III;HCELL;HUTCH-I;IN;LHR;MC56;MDU2;MDU3;MIC4;Pgp1;Epican
<b>Background</b>	The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions; cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands; such as osteopontin; collagens; and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation; recirculation and homing; hematopoiesis; and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms; however; the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein; and may be related to tumor metastasis.
<b>Usage</b>	For research use only.

## Hu\_CD44 CHO-S Cell Line

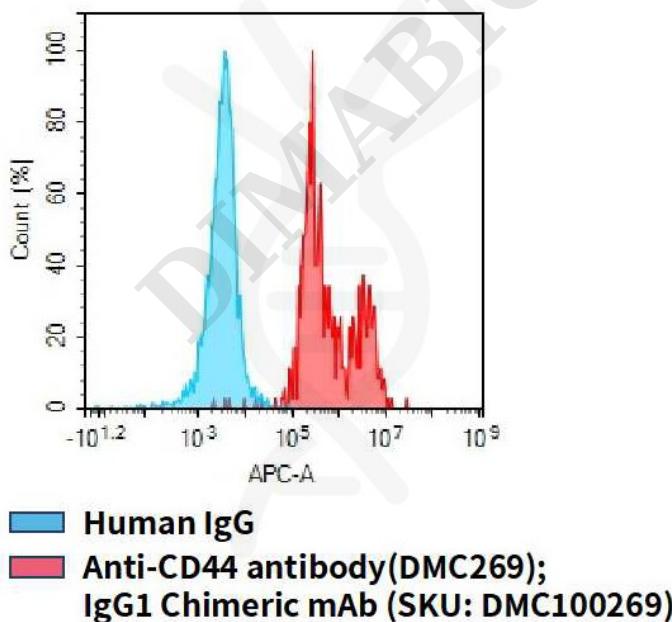


Figure 1. Flow cytometry analysis of human CD44 overexpression using Hu\_CD44 CHO-S Cell Line (Cat. No. CEL100048) and Anti-CD44 antibody(DMC269)IgG1 Chimeric mAb (Cat. No. DMC100269)

