PRODUCT INFORMATION

Target	CCR2
Description	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human CCR2 Using Lentiviral Technology
Host Cells	K562
Uniprot ID	P41597
Applications	FACS Data
Growth media	RPMI-1640+10% FBS+1% P.S+1% Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Host Species	Human
Suggested Control	SKU: BME100087
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	CC-CKR-2; MCP-1-R; CD192
Background	The protein encoded by this gene is a receptor for monocyte chemoattractant protein-1; a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection. This gene is located in the chemokine receptor gene cluster region of chromosome 3.
Usage	For research use only.

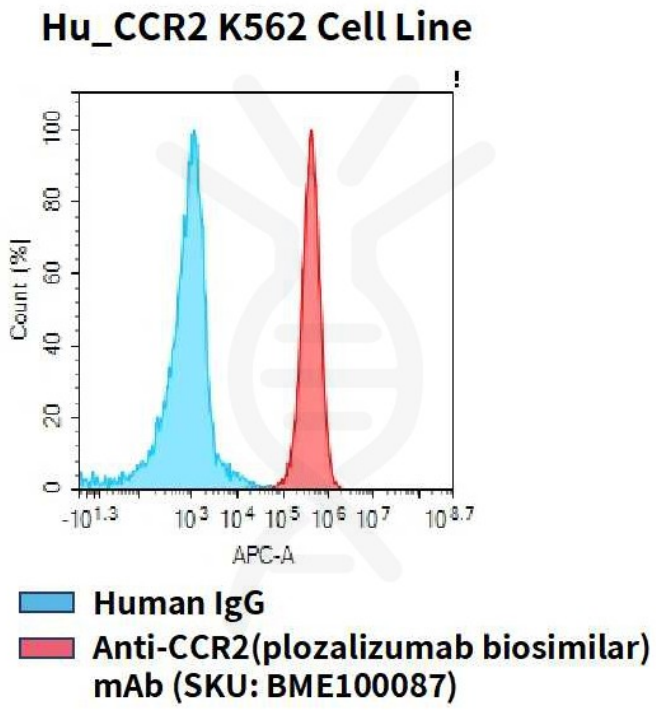

Figure 1. Flow cytometry analysis of human CCR2 overexpression using Hu_CCR2 K562 Cell Line (Cat. No. CEL100088) and Anti-CCR2(plozalizumab biosimilar) mAb (Cat. No. BME100087)