

**PRODUCT INFORMATION**

<b>Common Name</b>	LM-108, LM108
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	CKRL1, CMKBR8, CMKBRL2, CDw198, C-C CKR-8, CC-CKR-8, CCR-8, TER1, GPRCY6
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Recommended Dilutions</b>	ELISA 1:5000-10000, Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Host Species</b>	Chimeric
<b>IgG type</b>	Human IgG1(S239D,I332E,E356D,M358L) - kappa
<b>Reactivity</b>	Human
<b>Target</b>	CCR8
<b>Uniprot ID</b>	P51685
<b>Description</b>	Anti-CCR8(cafelkibart biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



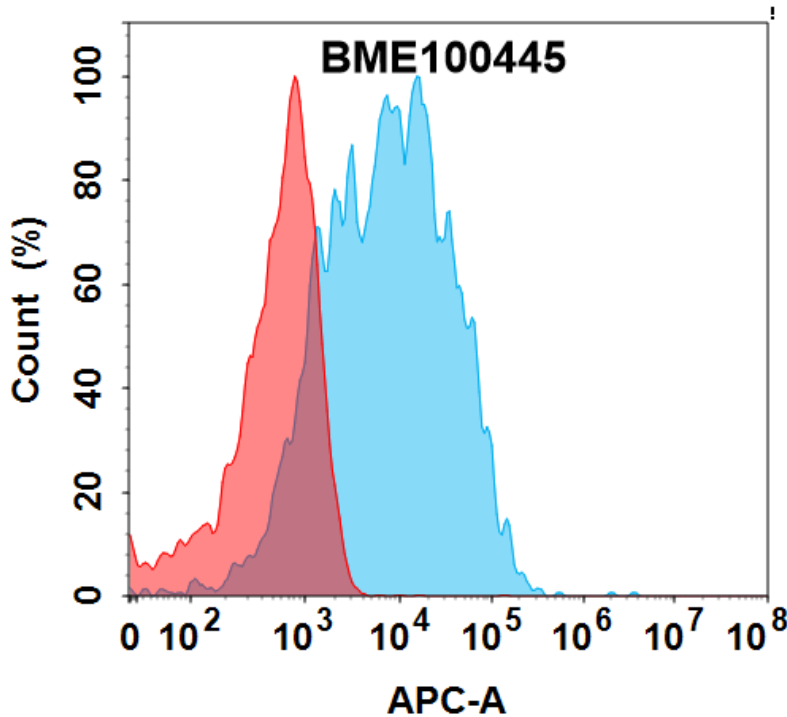


Figure 1. Flow cytometry analysis with 0.5 µg/mL Anti-CCR8(cafelkibart biosimilar) mAb (BME100445) on HEK293 cells transfected with Human CCR8 and CCL1 protein (Blue histogram) or HEK293 transfected with Human CCL1 protein (Red histogram).

### Anti-CCR8(cafelkibart biosimilar) mAb ELISA

0.2 µg of Human CCR8, hFc tagged protein per well

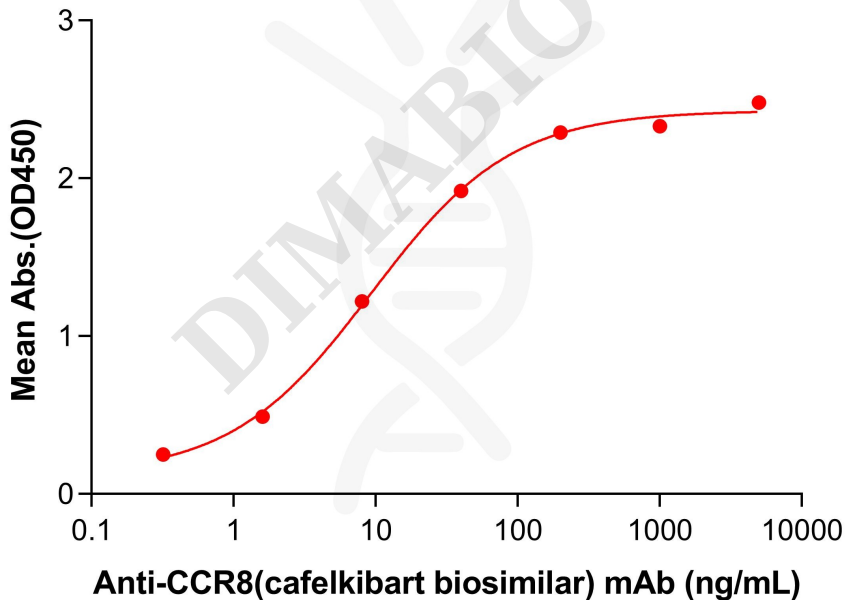


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CCR8 Protein, hFc Tag (PME101091) can bind Anti-CCR8(cafelkibart biosimilar) mAb (BME100445) in a linear range of 1.6–40 ng/mL. In order to specifically detect BME100445, mouse anti-human Fab-specific antibody was used as detection antibody.



## Anti-CCR8(cafelkibart biosimilar) mAb ELISA

0.2  $\mu$ g of Mouse CCR8, hFc tagged protein per well

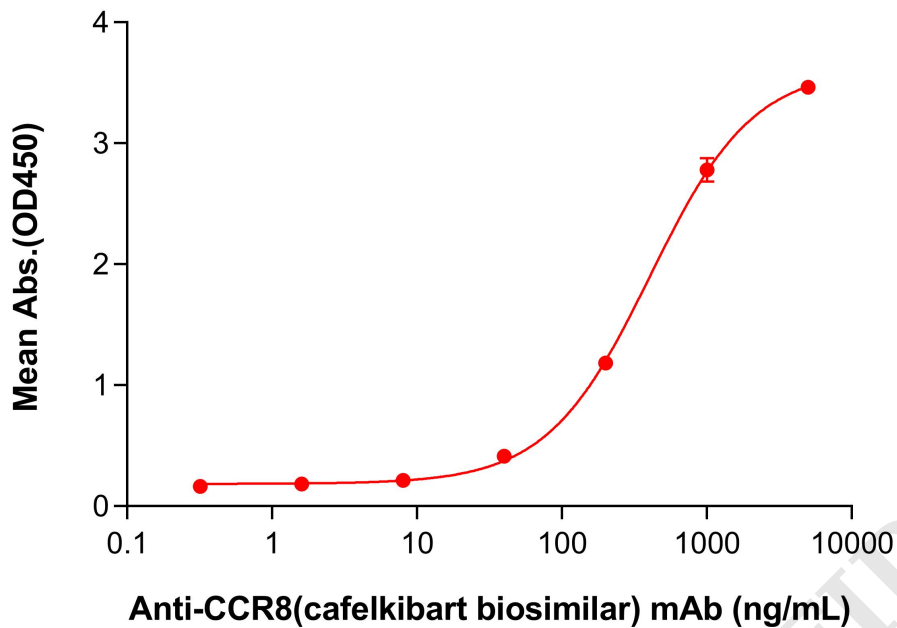


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Mouse CCR8 Protein, hFc Tag (PME-M100034) can bind Anti-CCR8(cafelkibart biosimilar) mAb (BME100445) in a linear range of 200–1000 ng/mL. In order to specifically detect BME100445, mouse anti-human Fab-specific antibody was used as detection antibody.

