

PRODUCT INFORMATION

Common Name	BMS-936564, MDX-1338
Conjugate	Unconjugated
Synonyms	CD184;D2S201E;FB22;HM89;HSY3RR;LAP-3;LAP3;LCR1;LESTR;NPY3R;NPYR;NPYRL;NPYY3R;WHIM;WHIMS
Applications	Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	Flow Cyt 1:100
Formulation & Reconstitution	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.
Host Species	Homo sapiens
IgG type	Human IgG4 - Kappa
Reactivity	Human
Target	CXCR4
Uniprot ID	P61073
Description	Anti-CXCR4(ulocuplumab biosimilar) mAb
Delivery	In Stock
Storage&Shipping	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 proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

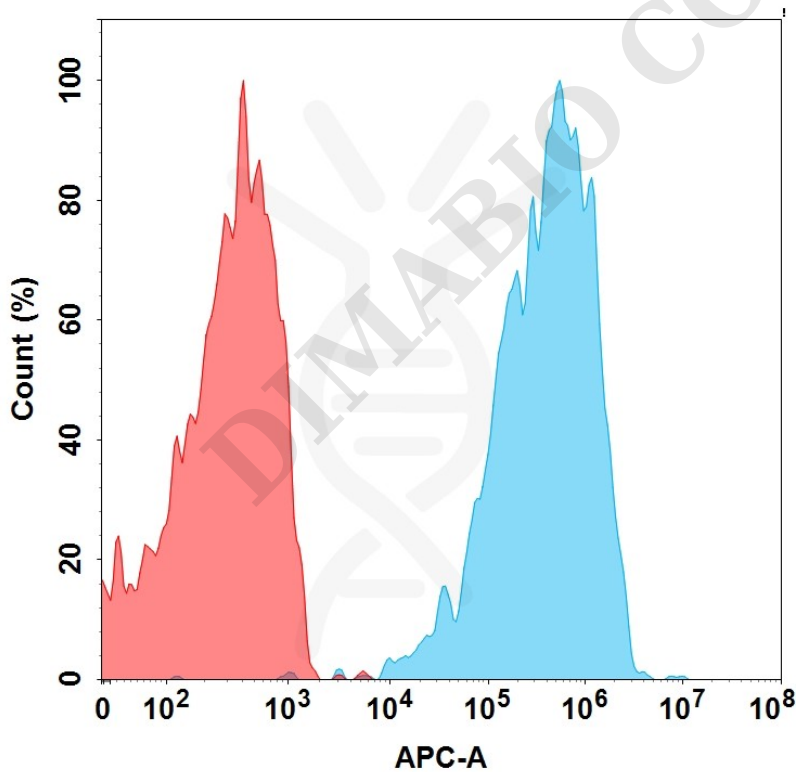


Figure 1. Flow cytometry analysis with 15 μg/mL Anti-CXCR4 (ulocuplumab biosimilar) mAb (BME100101) on HEK293 cells transfected with Human CXCR4 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



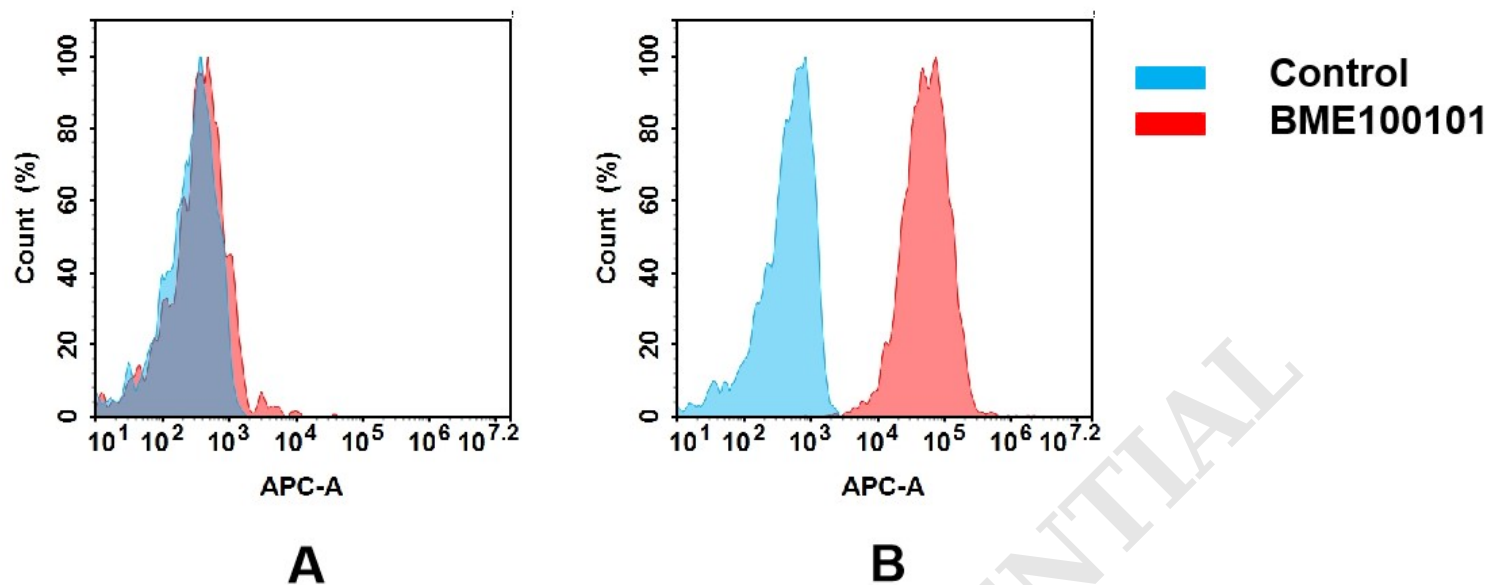


Figure 2. Flow cytometry analysis of antigen binding of anti-human CXCR4 mAb(BME100101).

(A) BME100101 does not bind to hepG2 cells that do not express CXCR4.

(B) A clear peak shift of BME100101 was seen compared to the control when incubated with CXCR4-expressing HeLa cells, indicating strong binding of BME100101 to CXCR4. Antibodies were incubated at 5 μ g/mL.

