

**PRODUCT INFORMATION**

<b>Common Name</b>	CD74-DOX (ADC),hLL1,hLL1-DOX (ADC),MEDI-115
<b>Synonyms</b>	DHLAG
<b>Applications</b>	ELISA, Flow Cyt
<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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	IgG1(K97R)
<b>Reactivity</b>	Human
<b>Target</b>	CD74
<b>Uniprot ID</b>	P04233
<b>Description</b>	Anti-CD74(milatumzumab 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 proteins are shipped at ambient temperature.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



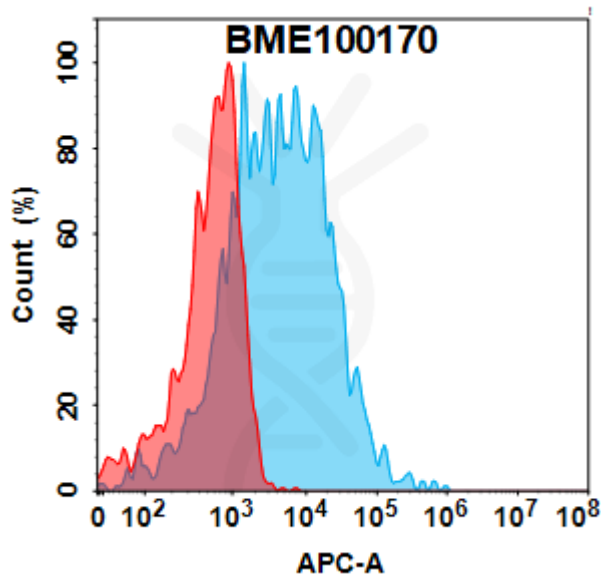


Figure 1. Flow cytometry analysis with 15 $\mu$ g/mL Anti-CD74(milatuzumab biosimilar) mAb (BME100170) on Expi293 cells transfected with Human CD74 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

### Anti-CD74(milatuzumab biosimilar) mAb ELISA

0.2  $\mu$ g of Human CD74, hFc tagged protein per well

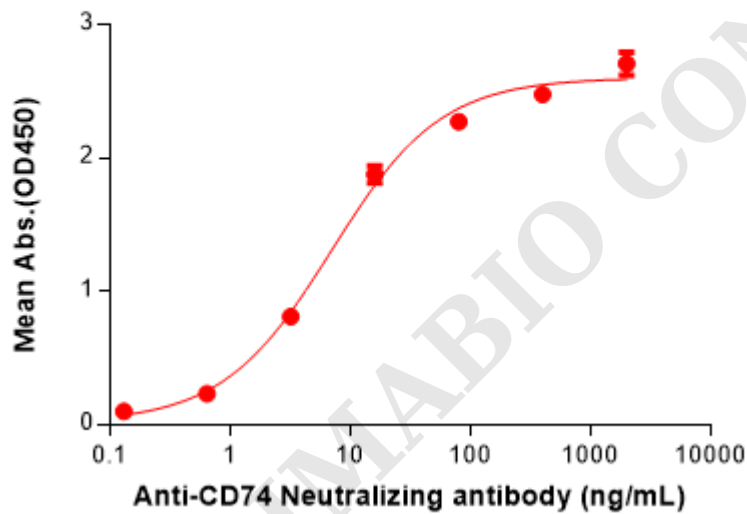


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CD74 (73-296) Protein, hFc Tag(PME100642) can bind Anti-CD74(milatuzumab biosimilar) mAb(BME100170) in a linear range of 0.64-16 ng/mL. In order to specifically detect BME100170, mouse anti-human Fab-specific antibody was used as detection antibody.



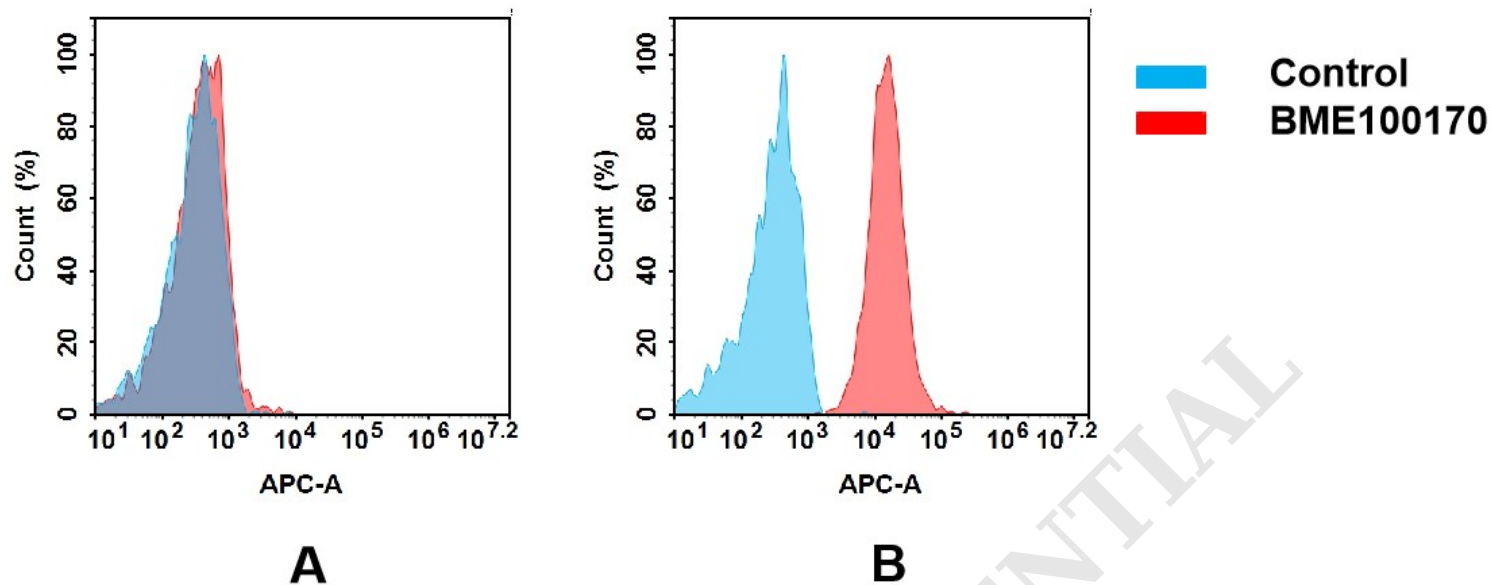


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD74 mAb(BME100170).

(A) BME100170 does not bind to 293T cells that do not express CD74.

(B) A clear peak shift of BME100170 was seen compared to the control when incubated with CD74-expressing Raji cells, indicating strong binding of BME100170 to CD74. Antibodies were incubated at 5  $\mu$ g/mL.

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