Anti-CD74(milatuzumab biosimilar) mAb Cat. No. BME100170



PRODUCT INFORMATION

Common Name	CD74-DOX (ADC),hLL1,hLL1-DOX (ADC),MEDI-115, Unconjugated mAb
Conjugate	Unconjugated
Synonyms	DHLAG
Applications	ELISA, Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000, 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.
Host Species	Humanized
lgG type	Human IgG1(K214R) – kappa
Reactivity	Human
Target	CD74
Uniprot ID	P04233
Description	Anti-CD74(milatuzumab biosimilar) mAb
Delivery	In Stock
Delivery Storage & Shipping	In Stock 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.
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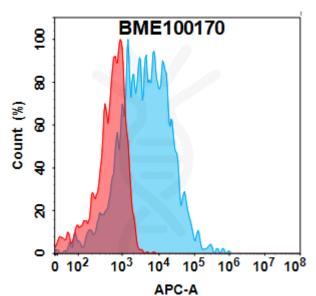


Figure 1. Flow cytometry analysis with 15µg/mL Anti-CD74(milatuzumab biosimilar) mAb (BME100170) on HEK293 cells transfected with Human CD74 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

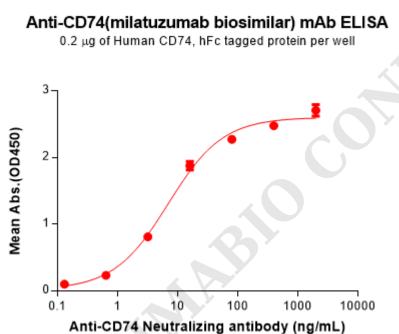


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD74 (73-296) Protein, hFc Tag(PME100642) can bind Anti-CD74(milatuzumab biosimilar) mAb(BME100170) in a linear range of 0.64–16 ng/mL. In order to specifically detect BME100170, mouse anti-human Fab-specific antibody was used as detection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

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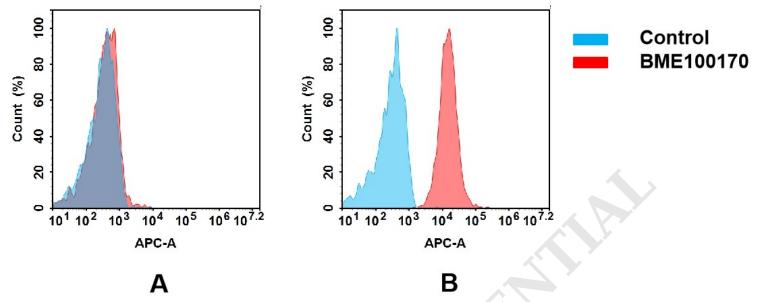


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD74 mAb(BME100170).
(A) BME100170 does not bind to 293T cells that do not express CD74.
(B) A clear peak shift of BME100170 was seen compared to the control when incubated with CD74-expressing Raji cells, indicating strong binding of BME100170 to CD74. Antibodies were incubated at 5 μg/mL.

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