

PRODUCT INFORMATION

Common Name	CDP870, PHA-738144
Synonyms	DIF,TNF-α,TNFA,TNFSF2,cachexin,cachectin,TNFα
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
IgG type	IgG1
Reactivity	Human
Target	TNFα
Uniprot ID	P01375
Description	Anti-TNFα(Certolizumab 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 antibodies are shipped at ambient temperature.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



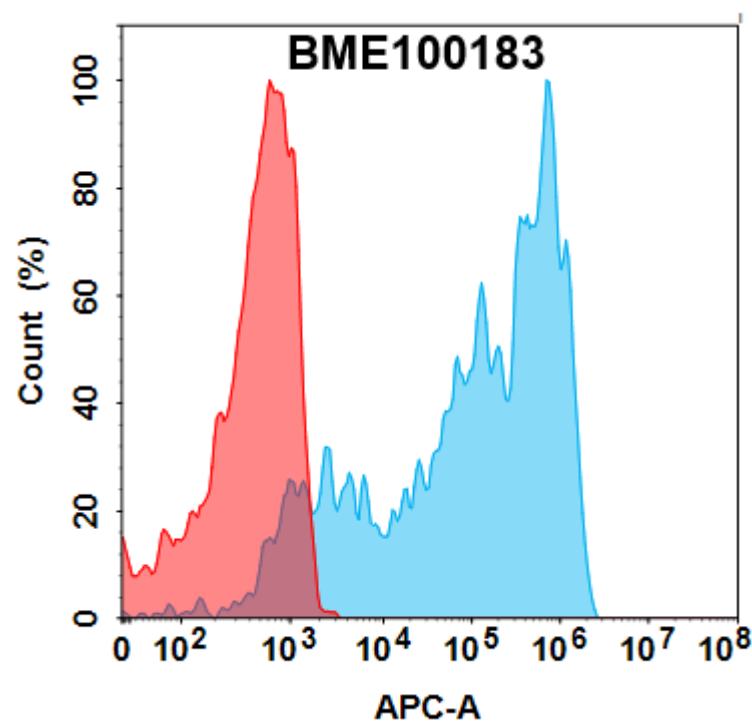


Figure 1. Flow cytometry analysis with 1μg/mL Anti-TNFα(Certolizumab biosimilar) mAb (BME100183) on Expi293 cells transfected with Human TNFα protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

**Anti-TNFα(Certolizumab biosimilar) mAb ELISA**  
0.2 μg of Human TNFα, His tagged protein per well

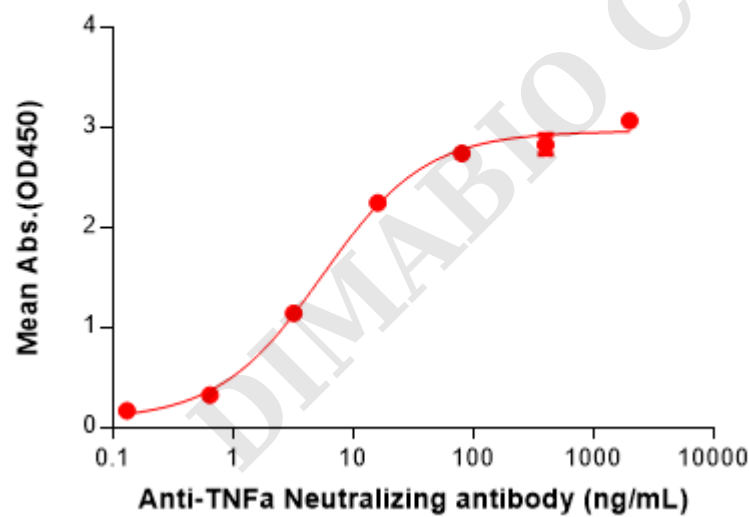


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human TNFα Protein, His Tag(PME100076) can bind Anti-TNFα(Certolizumab biosimilar) mAb(BME100183) in a linear range of 0.64-16 ng/mL.

