

## TNFA(CERTOLIZUMAB) MAB

**Cat.#:** 28584

**Product Name:** Anti-TNF $\alpha$ (Certolizumab) Monoclonal Antibody

**Synonyms:** DIF,TNF- $\alpha$ ,TNFA,TNFSF2,cachexin,cachectin,TNF $\alpha$

**Description:** Anti-TNF $\alpha$ (Certolizumab ) Monoclonal Antibody

**Background:** Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

**Applications:** ELISA, Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000, Flow Cyt 1:100

**Host Species:** Humanized

**Isotype:** IgG1

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human TNF $\alpha$

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**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).

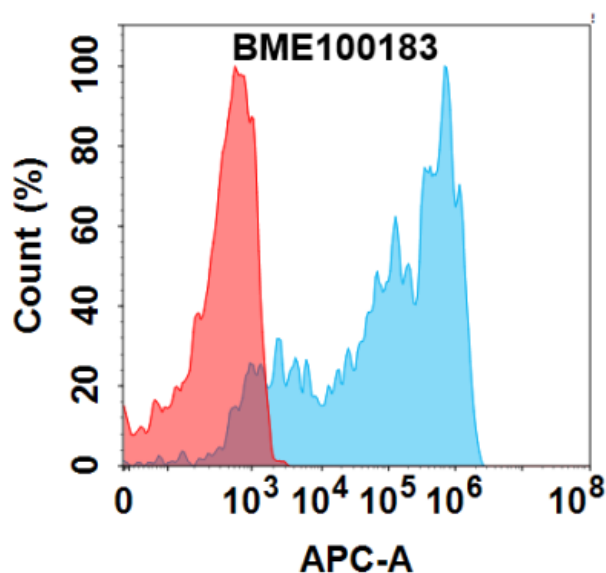


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-TNF $\alpha$ (Certolizumab biosimilar) mAb (28584) on Expi293 cells transfected with Human TNF $\alpha$  protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

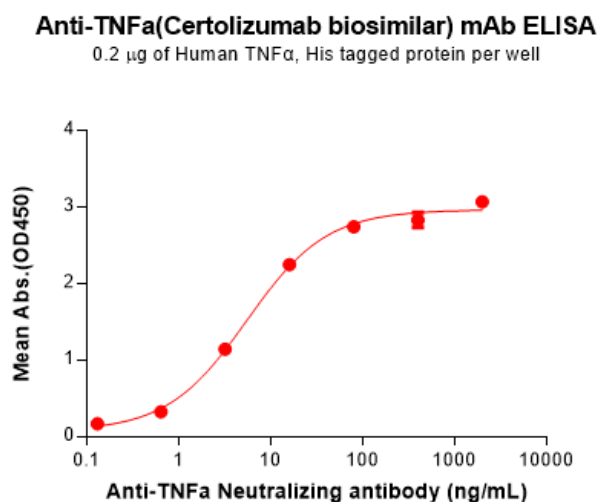


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ l/well) Human TNF $\alpha$ ± Protein, His Tag(11199) can bind Anti-TNF $\alpha$ (Certolizumab biosimilar) mAb(28584) in a linear range of 0.64-16 ng/mL.