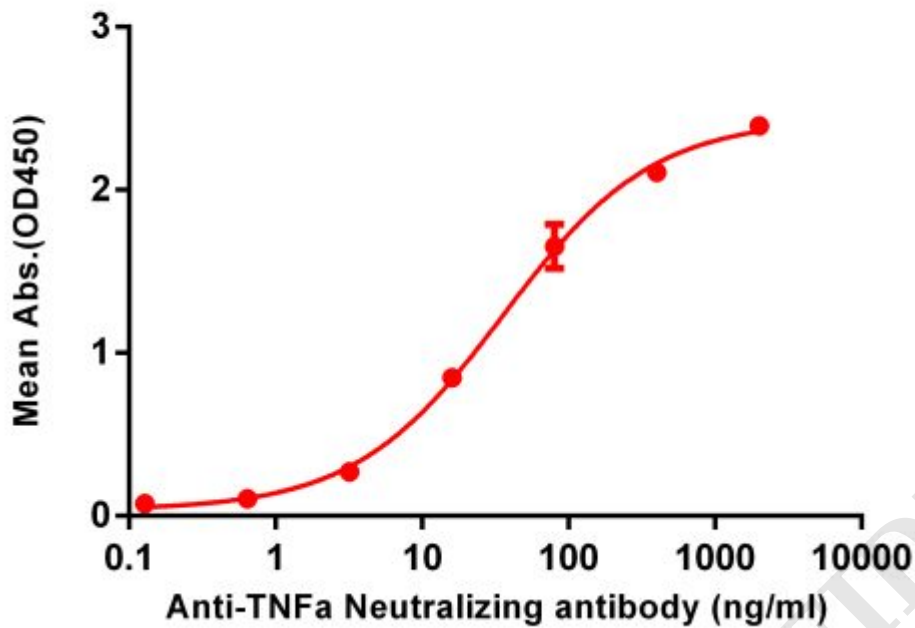


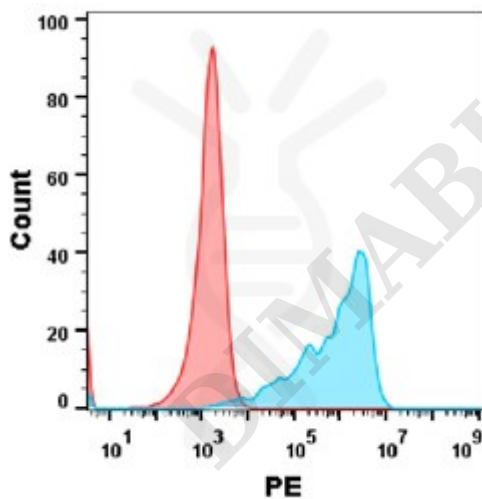
**PRODUCT INFORMATION**

<b>Common Name</b>	D2E7
<b>Synonyms</b>	DIF;TNF-alpha;TNFA;TNFSF2;cachexin;cachectin;TNF $\alpha$
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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 of reconstitution.
<b>Host Species</b>	Homo sapiens
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	TNFA
<b>Uniprot ID</b>	P01375
<b>Description</b>	Anti-TNF $\alpha$ (Adalimumab 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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



**Anti-TNF $\alpha$  (Adalimumab biosimilar) mAb ELISA**0.1  $\mu$ g of Human TNF $\alpha$ , His Tagged protein per well

**Figure 1.** ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human TNF $\alpha$ , His tagged protein ([getskuurl sku="PME100076"]) can bind Anti-TNF $\alpha$  Neutralizing antibody (BME100056) in a linear range of 0.3-500 ng/ml.



**Figure 2.** Flow cytometry analysis with Anti-TNF $\alpha$  mAb 1  $\mu$ g/ml (Adalimumab) on HEK293 cells transfected with human TNF $\alpha$ (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

