

PRODUCT INFORMATION

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



Anti-TNFa (Adalimumab biosimilar) mAb ELISA
0.1µg of Human TNFa, His Tagged protein per well

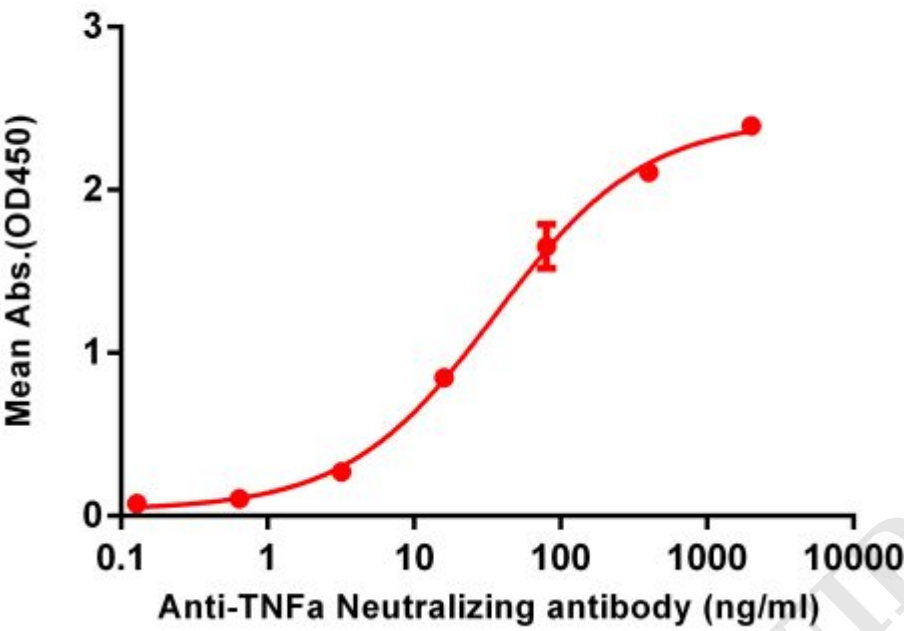


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human TNFa , His tagged protein ([getskuurl sku="PME100076"]) can bind Anti-TNFa Neutralizing antibody (BME100056) in a linear range of 0.3-500 ng/ml.

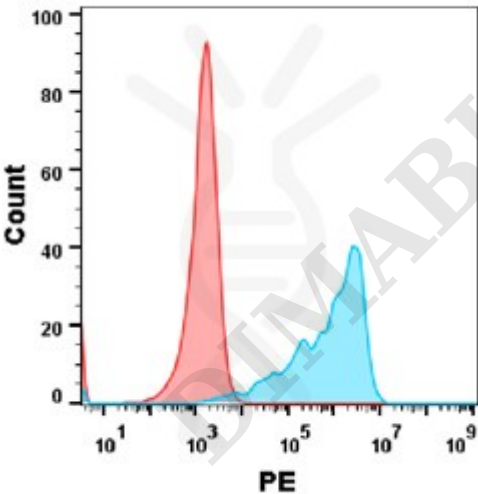


Figure 2. Flow cytometry analysis with Anti-TNFa mAb 1 µg/ml (Adalimumab) on HEK293 cells transfected with human TNFa(Blue histogram)or HEK293 transfected with irrelevant protein (Red histogram) .

