

## 12-9121: Anti-TNF $\alpha$ (Adalimumab biosimilar) mAb

|                           |  |
|---------------------------|--|
| <b>Clonality :</b>        | Monoclonal   |
| <b>Application :</b>      | ELISA  |
| <b>Reactivity :</b>       | Human  |
| <b>Gene ID :</b>          | 7124   |
| <b>Uniprot ID :</b>       | P01375   |
| <b>Alternative Name :</b> | DIF,TNF-alpha,TNFA,TNFSF2,cachexin,cachectin,TNF $\pm$ |
| <b>Isotype :</b>          | IgG1   |

### Description

Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.  
Specificity: Human

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 ug / 100 $\mu$ g  |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography<br>Buffer :Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| <b>Content :</b>           | Reconstituent :Reconstitute with deionized water<br>Preservative :0.1% Procline 300<br>Not Sterile   |
| <b>Storage condition :</b> | Store at -20°C (Avoid repeated freezing and thawing)   |

### Application Note

ELISA 1:5000-10000, Flow Cyt 1:100

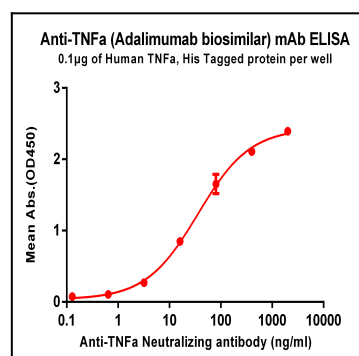


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human TNF $\alpha$ , His tagged protein can bind Anti-TNF $\alpha$  Neutralizing antibody in a linear range of 0.3-500 ng/ml.

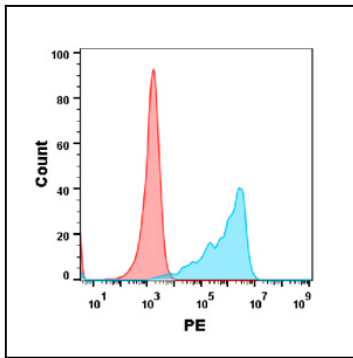


Figure 2. Flow cytometry analysis with Anti-TNF $\alpha$  mAb 1  $\mu$ g/ml (Adalimumab) on Expi293 cells transfected with human TNF $\alpha$  (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram) .