
Human Anti-TNF Alpha (Biotin) Recombinant Antibody

No. :KF-ab0028

- Expression Host:** Nicotiana benthamiana plants
- Clonality:** Monoclonal, recombinant
- Species and Isotype:** Human IgG1
- Description:** This product is a full-length Human IgG1 recombinant antibody specific to TNF Alpha. It was produced in Nicotiana benthamiana plants via Agrobacterium tumefaciens-mediated infiltration.
- Verified Applications:** Western blot, ELISA
- Dilution Range:** Western blot (1: 1 000 - 1: 10 000) ELISA (1: 1 000 - 1: 250 000)
- Tested Species Reactivity :** Human
- Concentration :** 1 mg/ml
- Form :** Liquid
- Storage:** Short-term (up to one week): 2 - 8 ° C
Long term: Aliquot and store at - 20 ° C
Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
- Storage Buffer:** 0.1M Phosphate Buffered Saline, pH 7.4
- Purification Notes:** This product was purified using Protein A- affinity chromatography.
- Purity:** \geq 95% as determined by SDS-PAGE
- General Notes:** For Research Use only, unless otherwise indicated.

Image:

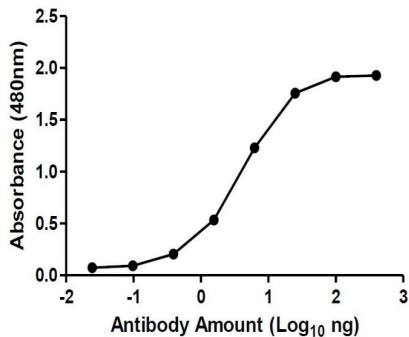


Figure 1.ELISA Dose Response curve: Human Anti-TNF Alpha (Biotin) Antibody from 0.0002 – 4.0 ng/uL to detect 25 ng TNF Alpha antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

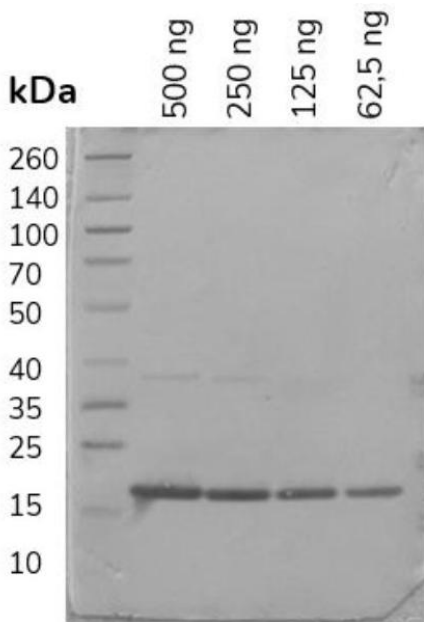


Figure 2. Western blot: decreasing amounts of TNF Alpha (17 kDa) detected with Human Anti-TNF Alpha (Biotin) at 1: 2 000 and HRP conjugated Streptavidin at 1: 5 000.