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## Human Anti-CTLA-4 Recombinant Antibody

No. :KF-ab0015

- 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 CD28. It was produced in Nicotiana benthamiana plants via Agrobacterium tumefaciens-mediated infiltration.
- Verified Applications:** Western blot, ELISA
- Dilution Range:** ELISA (1: 2 000 - 1: 50 000)  
Western blot (1: 1 000 - 1: 2 000)
- 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:**

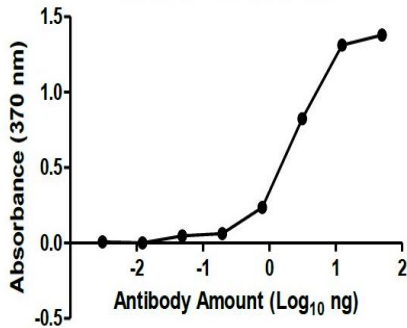


Figure 1. ELISA Dose Response curve using Human Anti-CTLA-4 Antibody from 0.5 – 0.0000305 ng/uL to detect 10 ng CTLA-4 antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

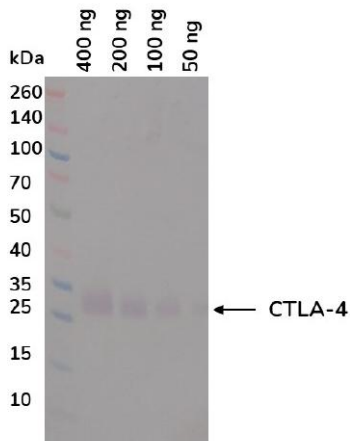


Figure 2. Western blot of decreasing amounts of CTLA-4 (22-27 kDa) detected with Human Anti-CTLA-4 Antibody at 1:1 000 and an HRP conjugated anti-human secondary antibody.