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## Data Sheet

### Anti-CD137 Agonist Antibody

Recombinant, Human, Monoclonal

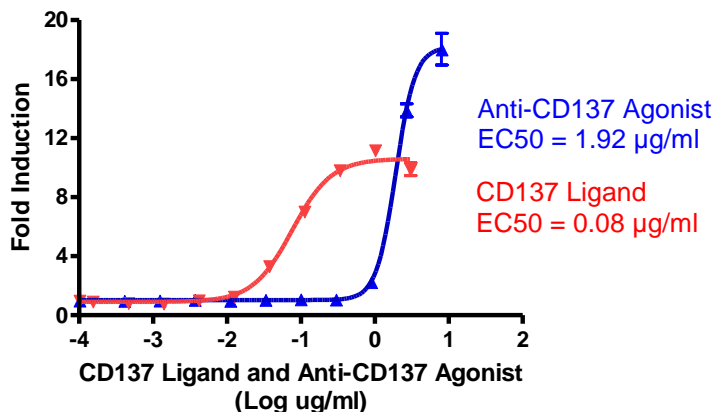
**Catalog #:** 79097-2**Lot #:** 180306**Conc.:** 0.92 mg/ml**Host Species | Isotype:**

Human | IgG1

**Formulated in:** 8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.**Stability:** Stable for at least 12 months at -80°C. Avoid freeze/thaw cycles. Store diluted antibody with carrier protein (BSA 0.1 – 0.5%) at 4°C, stable for 2 weeks.**Description:** Anti-CD137 recombinant human antibody recognizing the CD137 ligand binding region. This antibody not been tested for cross-reactivity with other species.**Purification:** Protein A affinity chromatography from HEK293 supernatants.**Application:** CD137 agonist antibody prevents tumor recurrence and metastases in cancer patients. This antibody is useful for activation of CD137 costimulatory pathway in T cells.**References:**

1. Wilcox, R.A., et al., J. Clin. Invest. 2002; 109(5): 651-659.
2. Foell, J. et al., J. Clin. Invest. 2003; 111(10): 1505-1518.

### Dose Responsive Curve of CD137/NFkB-HEK293 Cell Line



**Fig.1** Dose response of CD137/ NF- $\kappa$ B-reporter HEK293 cells. CD137 ligand (BPS Bioscience, #71189) and anti-CD137 agonist (BPS Bioscience, #79097) were diluted and added to the cells (BPS Bioscience, #79289), then incubated at 37°C cell culture incubator for 6 and 24 hrs. respectively. After the treatment, perform Luciferase assay using One-Step Luciferase assay system (BPS Bioscience, #60690).

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