Data Sheet

**IL-17A Neutralizing Antibody**

Recombinant, Human Monoclonal Anti-IL-17A

**Catalog #:** 91015

**Lot #:** 151110  
**Conc.:** 1.21 mg/ml

**Host Species | Isotype:** Human | IgG1κ

**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.

**References:**

**IC50:** 4.5 nM using the IL17-RA[Biotinylated]:IL-17 Inhibitor Screening Assay Kit (BPS Cat. #72060).

**Assay Conditions:** Antibody was added at various concentrations using the IL17-RA[Biotin]:IL-17A Inhibitor Screening binding assay (BPS Cat. #72060). Assay was performed according to the recommended protocol.

**Purification:** Purified using protein A affinity chromatography from HEK293 supernatants.

**Application:** Useful for binding studies and for the inhibition of IL-17RA:IL-17A interactions.

**Description:** Neutralizing recombinant human chimeric antibody recognizing human IL-17A. This antibody has not been tested for cross-reactivity with other species.

**Image(s):**

Inhibition of IL-17RA[B]-IL-17A by Anti-IL-17A

![Graph showing inhibition of IL-17RA[B]-IL-17A by Anti-IL-17A](image)

**Figure 1.** Wells were coated with 100 ng of IL-17A (BPS Cat. #91014), 10 ng of IL-17RA, Biotin-labeled (BPS Cat. #91013) and varying concentrations of IL-17A Neutralizing Antibody (BPS Cat. #91015) were added and plate was incubated at room temperature for 2 hours. Streptavidin-HRP was added, followed by HRP substrate, and chemiluminescence detection.

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