

## Anti-IL-6 Receptor Alpha, Human IgG1 Antibody (Tc8)

<b>CATALOG NO:</b>	A1447-200
<b>AMOUNT:</b>	200 µg
<b>ALTERNATE NAMES:</b>	IL6R; CD126; Gp80; Interleukin-6 Receptor Subunit Alpha; IL-1Ra; IL6RA; IL6Q
<b>ISOTYPE / FORMAT:</b>	Human IgG1, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	rhPM-1
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	This antibody was prepared by CDR grafting of mouse AUK 12-20 antibody onto a human framework regions.
<b>FORM:</b>	Liquid
<b>SPECIFICITY:</b>	This biosimilar binds specifically to both the membrane bound and soluble forms of human IL-6R. The IL6 receptor is a protein complex consisting of an IL-6 receptor subunit (IL6R) and interleukin 6 signal transducer Glycoprotein 130. Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response.
<b>PURIFICATION:</b>	Affinity purified using Protein A
<b>FORMULATION:</b>	Supplied in PBS only
<b>STORAGE CONDITIONS:</b>	Store at 4 °C for up to 3 months. For long term storage, aliquot and freeze at -20 °C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Recombinant monoclonal antibody to IL-6 receptor. Manufactured using Recombinant Platform with variable regions (i.e. specificity) to target human IL-6 receptor
<b>APPLICATION:</b>	This biosimilar can be used in ELISA assays and is able to inhibit the growth of IL-6-dependent tumor cell lines
<b>REFERENCE:</b>	Sato <i>et al.</i> Humanization of a mouse anti-human interleukin-6 receptor antibody comparing two methods for selecting human framework regions. Mol Immunol. 1994 Apr;31(5):371-81.

### RELATED PRODUCTS:

- Anti-VEGF, Humanized Antibody (**Cat. No. A1045**)
- Anti-HER2, Humanized Antibody (**Cat. No. A1046**)
- Anti-EGFR, Chimeric Antibody (**Cat. No. A1047**)
- Anti-TNF-α, humanized Antibody (**Cat. No. A1048**)
- Anti-CD20, Chimeric Antibody (**Cat. No. A1049**)
- Anti-EGFR, humanized antibody (**Cat. No. A1050**)
- Anti-OX40L, Human IgG1 Antibody (**Cat. No. A1088**)
- Anti-CD11a, Human IgG1 Antibody (**Cat. No. A1089**)
- Anti-EGFR, Human IgG1 Antibody (**Cat. No. A1090**)
- Anti-CD4, Human IgG4 Antibody (**Cat. No. A1091**)
- Anti-alpha 5 beta1 Integrin, Human IgG4 Antibody (**Cat. No. A1092**)
- Anti-TNF alpha, Human IgG4 Antibody (**Cat. No. A1093-200**)
- Anti-CD40L, Human IgG1 Antibody (**Cat. No. A1094-200**)
- Anti-Human Ephrin Type A receptor 2 (1C1), Human IgG1 Antibody (**Cat. No. A1095**)
- Anti-Carcinoembryonic antigen, Human IgG1 Antibody (**Cat. No. A1096**)
- Anti-TNF alpha, Human IgG1 Antibody (**Cat. No. A1097**)
- Anti-IL-2R alpha (CD25), Human IgG1 Antibody (**Cat. No. A1098**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**