



*Premiere Peptide Solutions*

## **DATA SHEET**

<b>Product Name:</b>	Anti-IL-6 receptor (Tocilizumab), Human IgG1 Antibody
<b>Catalog #:</b>	CV-2016
<b>Alt:</b>	Tocilizumab/Atlizumab, tocilizumab, rotocilizumab, 375823-41-9, atlizumab, tocilizumab, Rotocilizumab, IL6R, interleukin 6 receptor
<b>Application:</b>	Tocilizumab can be used in ELISA assays and is able to inhibit the growth of IL-6-dependent tumor cell lines (to the same extent as the original AUK12-20 mouse antibody) - inhibits sIL-6R and mIL-6Rmediated signaling.
<b>Antibody Type:</b>	Monoclonal
<b>Host/Isotype:</b>	Human IgG1, kappa
<b>Reactivity:</b>	Human
<b>Specificity:</b>	Tocilizumab 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>Supplied As:</b>	Liquid in PBS only
<b>Storage:</b>	Store at 4°C for upto 3 months. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/defrost cycles.
<b>Description:</b>	Recombinant monoclonal antibody to IL-6 receptor.

**Not for human use, for research purposes only**

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