

**DATA SHEET**

**Product Name:** Anti-IL-6 receptor (Tocilizumab), Human IgG1 Antibody

**Catalog #:** CV-2016

**Alt:** Tocilizumab/Atlizumab, tocilizumab, rotocilizumab, 375823-41-9, atlizumab, tocilizumab, Rotocilizumab, IL6R, interleukin 6 receptor

**Application:** 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.

**Antibody Type:** Monoclonal

**Host/Isotype:** Human IgG1, kappa

**Reactivity Species:** Human

**Specificity:** 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.

**Supplied As:** Liquid in PBS only

**Storage:** Store at 4°C for up to 3 months. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/defrost cycles.

**Description:** Recombinant monoclonal antibody to IL-6 receptor.

***For research use only. Not for use in humans.***