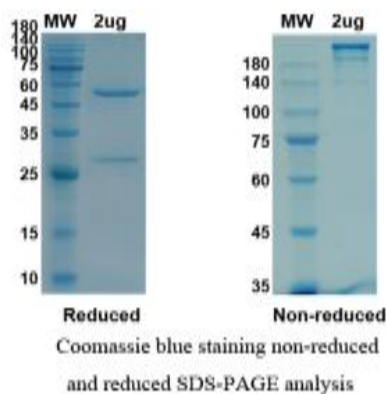


IL6R

Human anti-IL-6 Receptor (Tocilizumab) mAb

Catalog No.	CSB120A CSB120B	Quantity:	200 µg 1.0 mg
Alternate Names:	Atlizumab, MRA/R-1569/RHPM-1/RO-4877533, Actemra		
Description:	Tocilizumab (Anti-Human IL6R, Humanized Antibody) is an anti-human interleukin-6 receptor (IL-6R) neutralizing antibody, prevents binding of IL-6 to the IL-6R, thereby inhibiting both classic and trans-signaling. Tocilizumab (Anti-Human IL6R, Humanized Antibody) can be used for the treatment of rheumatoid arthritis.		
Concentration:	1.0 mg/ml		
UniProt ID (target):	P35613		
Source:	CHO cell line		
Isotype:	Human IgG1 kappa		
INN:	Tocilizumab		
Specificity:	Human IL-6R		
Biologic Activity:	<ol style="list-style-type: none"> 1-100 ng/ml, 24, 48 hours, inhibits the cell proliferation (growth rate) in a dose-dependent manner, growth rate by HACM is reduced almost completely by 100 ng/mL tocilizumab. 0.001-10,000 µg/ml; 2 days, inhibits Ba/F3-gp130-IL-6R cell proliferation stimulated with hIL-6 with an IC₅₀ of 13.5 ng/ml. 1 µM; 6 hours, reduces the phosphorylation of STAT3 in vitro consistent with in vivo SAS cells. 1-5 µM; 24 hours, significantly reduces VEGF mRNA expression in SAS cells with serum-free medium. 		
Formulation:	PBS, pH 7.5		
Purity:	> 95% as determined by SDS-PAGE		
Storage & Stability:	Recommended storage, undiluted at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. Avoid freeze/thaw cycles.		



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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com