

IL-6 receptor Recombinant Antibody | IL6R recombinant antibody

Anti-IL-6 receptor [rhPM-1 (Tocilizumab)]

CATALOG # AAA71981	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IL-6 receptor; Monoclonal Recombinant Antibody; Anti-IL-6 receptor [rhPM-1 (Tocilizumab)]; MRA; atlizumab; IL6R recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	rhPM-1 (Tocilizumab)
Specificity	Tocilizumab binds specifically to both the membrane bound and soluble forms of human IL-6R. The IL-6 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.
Purity/Purification	Purified Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for IL6R recombinant antibody	IA (Inhibition Assay), ELISA
Immunogen	This antibody was prepared by CDR grafting of mouse AUK 12-20 antibody onto a human framework regions.
Antigen	IL-6 receptor
Note	Describes the design and construction of reshaped human AUK12-20 antibodies which bind specifically to human IL-6R. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for IL6R recombinant antibody	Recombinant monoclonal antibody to IL-6 receptor. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody rhPM-1 (Tocilizumab).
Product Categories/Family for IL6R recombinant antibody	Severe Rheumatoid Arthritis ; Castleman's disease ; Cancer ; Biosimilar
References	Sato et al. Mol Immunol. 1994 Apr;31(5):371-81. PMID:8152440

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.