



# Human Anti-Human IL6R (Tocilizumab) Monoclonal Antibody, clone rhPM-1 [Biosimilar] (CABT-Z684H)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Detects human IL-6 receptor. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Tocilizumab.
<b>Immunogen</b>	Human IL-6R.
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	rhPM-1
<b>Purification</b>	Protein A or G purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	FA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	5 mg
<b>Buffer</b>	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level $\leq$ 0.75 EU/mg as determined by the LAL method

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<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	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>Keywords</b>	IL6R;interleukin 6 receptor;IL6Q;gp80;CD126;IL6RA

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## GENE INFORMATION

<b>Gene Name</b>	IL6R
<b>Entrez Gene ID</b>	<a href="#">3570</a>
<b>UniProt ID</b>	<a href="#">A0N0L5</a>

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