

## Anti-IL6R Antibody Picoband® HRP Conjugated

Catalog Number: A01425-1-HRP

### About IL6R

Interleukin 6 receptor (IL6R), also known as CD126 (Cluster of Differentiation 126), is a type I cytokine receptor. This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. A pseudogene of this gene is found on chromosome 9.

### Overview

Product Name	Anti-IL6R Antibody Picoband® HRP Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P08887

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human IL6R.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by

end users.  
ELISA, Optimal dilutions should be determined by end users.

## 2 Publications Citing This Product

1. PubMed ID: 10.1155/2018/3928915, The Role of IL-6RA in UHMWPE Promotes Proliferation in Fibro-Like Synovial Cells
2. PubMed ID: 30426007, The Role of IL-6RA in UHMWPE Promotes Proliferation in Fibro-Like Synovial Cells

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