IL6R Antibody (C-Terminal Region) (R32900)

Catalog No.	Formulation	Size
R32900	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P08887
Applications	Western Blot: 0.5-1ug/ml
Limitations	This IL6R antibody is available for research use only.



Western blot testing of human A549 cell lysate with IL6R antibody at 0.5ug/ml. Predicted molecular weight ~52 kDa.

Description

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.

Application Notes

Optimal dilution of the IL6R antibody should be determined by the researcher.

Immunogen

Amino acids 379-419 (LLCIAIVLRFKKTWKLRALKEGKTSMHPPYSLGQLVPERPR) were used as the immunogen for the IL6R antibody.

Storage

After reconstitution, the IL6R antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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