

IL-6R Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04511
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL6R. AA range:221-270
Mol wt	51548
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	IL-6Ralpha Antibody
Synonyms	IL6R; Interleukin-6 receptor subunit alpha; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; IL-6R 1; Membrane glycoprotein 80; gp80; CD126

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

IL6R 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.

Recommended Dilution

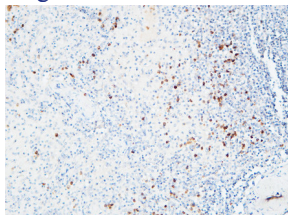
WB: 1: 500 - 1: 2000

ELISA: 1: 10000

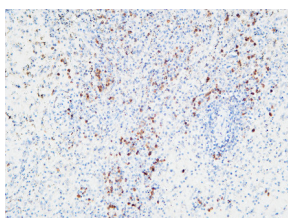
IHC-p: 100 - 300

Not yet tested in other applications.

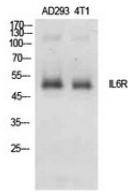
Images



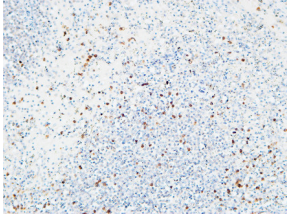
Immunohistochemical analysis of paraffin-embedded Human spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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Western Blot analysis of AD293, 4T1 cells using IL-6R α Polyclonal Antibody. Secondary antibody was diluted at 1:20000



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Storage

-20 $^{\circ}$ C for one year

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