BT LAB
Bioassay Technology Laboratory
Optimize Your Research

IL-6 Polyclonal Antibody

Description

Product type	Antibody
Code	BT-AP15817
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL6. AA range:131-180
Mol wt	23kD
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB,IHC,IF,ELISA
Concentration	1 mg/ml
Full name	N/A
Synonyms	IL6;IFNB2;Interleukin-6;IL-6;B-cell stimulatory factor 2;BSF-2;CTL differentiation factor;CDF;Hybridoma growth factor;Interferon beta-2;IFN-beta-2

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

Background

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including suspectibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Recommended Dilution

WB: 1:500-2000

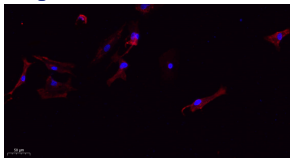
IHC-p: 1:100-300

ELISA: 1:5000-20000

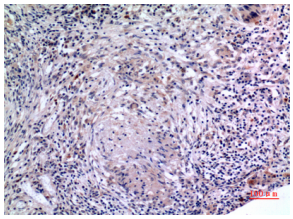
IF: 1:100-300

Not yet tested in other applications.

Images



Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

Storage

-20°C for one year

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