

IL-10 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04429
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL10. AA range:71-120
Mol wt	20517
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	IL-10 Antibody
Synonyms	IL10; IL 10; Interleukin-10; IL-10; Cytokine synthesis inhibitory factor; CSIF

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

Background

Interleukin-10 encoded by IL10 is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Recommended Dilution

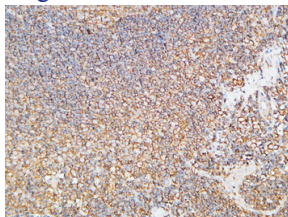
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

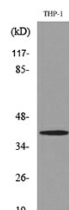
ELISA: 1: 20000

Not yet tested in other applications.

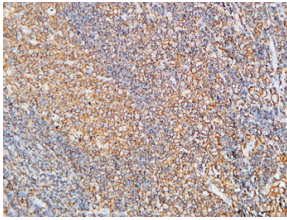
Images



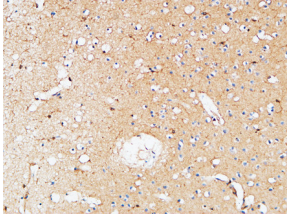
Immunohistochemical analysis of paraffin-embedded Human lymphoma. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



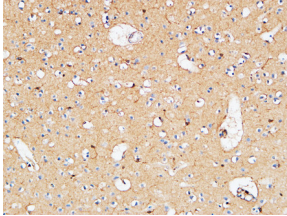
Western blot analysis of lysate from THP-1 cells, using IL10 Antibody.



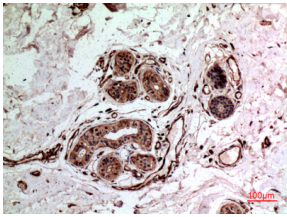
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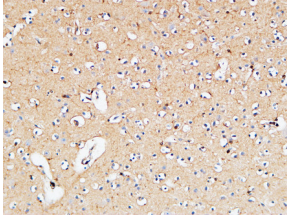
Immunohistochemical analysis of paraffin-embedded Human Cerebral cortex. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



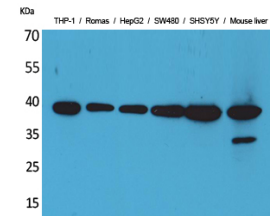
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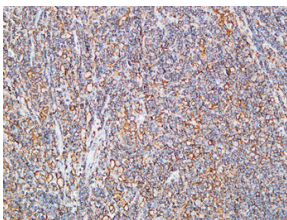
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human Cerebral cortex. 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).



Western Blot analysis of THP-1, Romas, HepG2, SW480, SHSY5Y, Mouse liver cells using IL-10 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human lymphoma. 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).

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com