

IL22 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2459
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human IL22 (AA: 34-179) expressed in E. Coli.
Mol wt	20kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	TIFa;IL-21;IL-22;ILTIF;IL-TIF;IL-D110;zcyto18;TIFIL-23

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

Background

This gene is a member of the IL10 family of cytokines that mediate cellular inflammatory responses. The encoded protein functions in antimicrobial defense at mucosal surfaces and in tissue repair. This protein also has pro-inflammatory properties and plays a role in the pathogenesis of several intestinal diseases. [provided by RefSeq, Jul 2018]

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

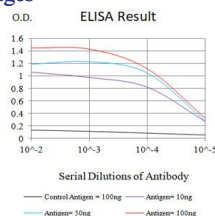
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

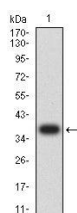
ELISA: 1:10000

Not yet tested in other applications.

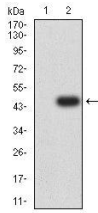
Images



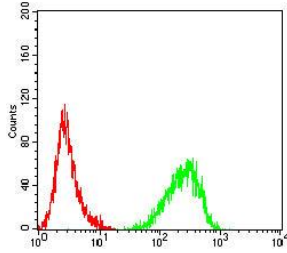
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



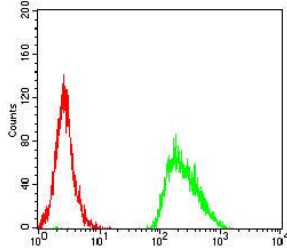
Western blot analysis using IL22 mAb against human IL22 (AA: 34-179) recombinant protein.
(Expected MW is 36.7 kDa)



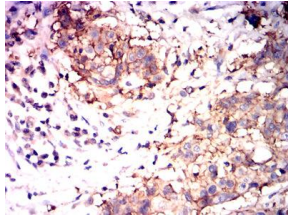
Western blot analysis using IL22 mAb against HEK293-6e (1) and IL22 (AA: 34-179)-hIgGFc transfected HEK293-6e (2) cell lysate.



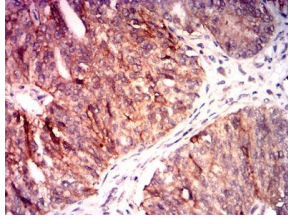
Flow cytometric analysis of Jurkat cells using IL22 mouse mAb (green) and negative control (red).



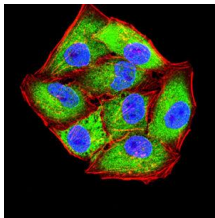
Flow cytometric analysis of MOLT4 cells using IL22 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using IL22 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using IL22 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using IL22 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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

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