

Foxp3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3309
Host	Mouse
Isotype	N/A
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human Foxp3 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	IHC,ICC
Concentration	N/A
Full name	N/A
Synonyms	JM2;AIID;IPEX;PIDX;XPID;DIETER, Foxp3

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

Background

The transcription factor Foxp family includes Foxp1, Foxp2, and Foxp3. The Foxp3 (50KDa) plays a key role in CD4(+) CD25(+) regulatory T cell function and represents a specific marker for these cells. Despite its strong association with regulatory T cell function, in humans little is known about the frequency of CD4(+) CD25(+) cells that express FOXP3 protein nor the distribution of these cells in vivo. FOXP3 may be a master regulatory gene and a more specific marker of regulatory T cells than other T cells.

Recommended Dilution

WB: 1:500 - 1:2000

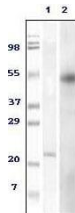
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

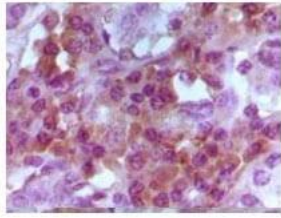
ELISA: 1:10000

Not yet tested in other applications.

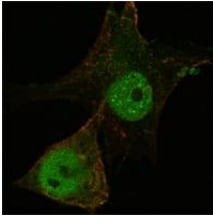
Images



Western blot analysis using Foxp3 mouse mAb against truncated Foxp3 recombinant (1) and HEK293 cell lysate (2).



Immunohistochemical analysis of paraffin-embedded human lymphocytic tissue, showing cytoplasmic and nuclear localization using Foxp3 mouse mAb with DAB staining.



Confocal Immunofluorescence analysis of PANC-1 cells using FOXP3 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Storage

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

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