

FOXP3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3956
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human FOXP3 expressed in E. Coli.
Mol wt	47.2kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	JM2;AIID;IPEX;PIDX;XPID;DIETER;MGC141961;MGC141963;FOXP3

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

Background

FOXP3 (a 431 amino acid protein) is a member of the forkhead/winged-helix family of transcriptional regulators and is highly conserved across mammals. FOXP3 is essential for normal immune homeostasis. FOXP3 is stably and constitutively expressed at a high level in CD25 + CD4 positive regulatory T cells, at low level in CD4 positive/CD25 negative cells, and is absent in CD4 negative/CD8 positive T cells. FOXP3 may be a master regulatory gene and a more specific marker of regulatory T cells than other T cells.

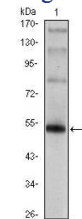
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using FOXP3 mAb against FOXP3(AA: 2-193)-hIgGFc transfected HEK293 cell.

Storage

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