

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

39-2001: Anti-FOXP3 Polyclonal Antibody

Clonality: Polyclonal Application: IHC-P

Reactivity: Human, Mouse, Rat

 Gene :
 FOXP3

 Gene ID :
 50943

 Uniprot ID :
 Q9BZS1

 Format :
 Lyophilized

Alternative Name:

Forkhead box protein P3; Scurfin; Forkhead box protein P3, C-terminally processed; Forkhead

box protein P3 41 kDa form; FOXP3; IPEX; JM2

Isotype: Rabbit IgG

Immunogen Information: E.coli-derived Human FOXP3 recombinant protein (Position: H101-P431). Human FOXP3 shares

88% amino acid (aa) sequence identity with Mouse FOXP3.

Description

FOXP3(forkhead box P3) is a protein involved in immune system responses. The human FOXP3 genes contain 11 coding exons. Exon-intron boundaries are identical across the coding regions of the mouse and human genes. By genomic sequence analysis, the FOXP3 gene maps to the p arm of the X chromosome(specifically, Xp11.23). A member of the FOX protein family, FOXP3 appears to function as a master regulator in the development and function of regulatory T cells. While the precise control mechanism has not yet been established, FOX proteins belong to the forkhead/winged-helix family of transcriptional regulators and are presumed to exert control via similar DNA binding interactions during transcription.

Product Info

Amount: 100 μg/vial

Purification: Immunogen affinity purified.

Content: Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3. Reconstitute: Add

0.2ml of distilled water will yield a concentration of 500ug/ml.

Storage condition:

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Immunohistochemistry(Paraffin-embedded Section) : $0.5-1\tilde{A} \sqcap \hat{A}^{1}/4g/ml$

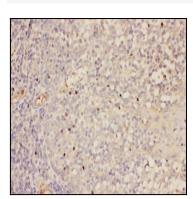


Figure 1: Anti-FOXP3 antibody(39-2001). IHC(P): Human Tonsil Tissue.



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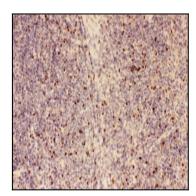


Figure 2: Anti-FOXP3 antibody(39-2001). IHC(P): Mouse Spleen Tissue.

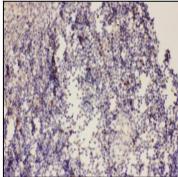


Figure 3: Anti-FOXP3 antibody(39-2001). IHC(P):Rat Spleen Tissue.