

Monoclonal Antibody to Foxp3

Cat. #: Pab-607053

Description:

The transcription factor Foxp family included Foxp1, Foxp2, and Foxp3. The Foxp3(50KDa) played 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 was 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.

Immunogen/Specificity:

Ni-NTA purified truncated recombinant Foxp3 expressed in E. Coli strain BL21 (DE3)

Applications :

Western Blot: 1: 200- 1: 1,000

FCM: 1: 100- 1: 500

ELISA: Propose dilution 1: 10,000.

Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography

Reference:

1 Roncador G et al. Eur J Immunol,2005,35:1681-1691 .

2 Yisong YW,PNAS,2005 102(14):5126-5131.

Clone Number: 6H3C5H3

Isotype: IgG2b

Species: Mouse

Storage and Stability: stored at -20 C

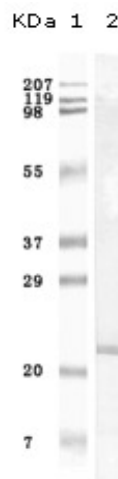


Figure 1: Western blot analysis of truncated Foxp3 recombinant protein with Foxp3 antibody.