

## Monoclonal Antibody to Foxp3

Cat. #: Mab-606013 (0.1mg)

### Description:

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.

### Immunogen/Specificity:

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

### Applications :

Western Blot: 1:200-1:1000.

IHC: 1: 250- 1: 500

Flow Cytometry: Determining optimal working dilutions by titration test.

### Formulation

Antibodies are purified by protein A affinity chromatography and resuspended in PBS with 0.2%BSA, 0.09% sodium azide.

### Reference:

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

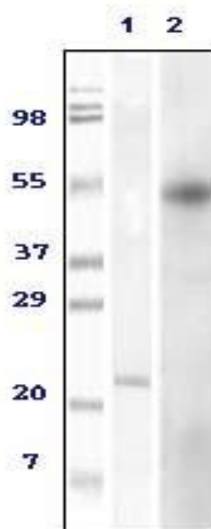
2 Yisong YW. PNAS. 2005 102 (14): 5126-5131.

Clone Number: 2A11G9

Isotype: IgG1

Species: Human, Mouse

Storage and Stability: stored at -20 C



**Figure 1:** Western blot analysis of human truncated Foxp3 recombinant protein (1) and HEK293 cell extracts (2) with Foxp3 antibody.