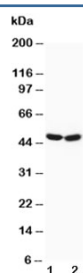


## FOXP3 Antibody (R30653)

Catalog No.	Formulation	Size
R30653	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9BZS1
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This FOXP3 antibody is available for research use only.



Western blot testing of FOXP3 antibody and Lane 1: HeLa; 2: SGC cell lysate

## 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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the FOXP3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 321-337 (FPEFLHNMDYFKFHNMR-human) were used as the immunogen for this FOXP3 antibody.

## Storage

After reconstitution, the FOXP3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.