

## FOXP3 (Forkhead Box Protein P3) / Scurfin Antibody

Mouse Monoclonal Antibody [Clone 3G3]

Catalog No	Format	Size
50943-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
50943-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
50943-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

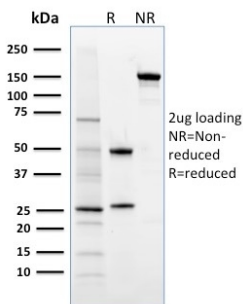
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

<b>Clone</b>	3G3
<b>Gene Name</b>	PAX2
<b>Immunogen</b>	Full-length His-tagged Mouse FOXP3 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	47-55kDa
<b>Cellular Localization</b>	Nucleus
<b>Species Reactivity</b>	Human, Monkey, Mouse
<b>Positive Control</b>	lymph node or Breast carcinoma., Tonsil

\*Optimal dilution for a specific application should be determined.

### Product Images for FOXP3 (Forkhead Box Protein P3) / Scurfin Antibody



SDS-PAGE Analysis of Purified FOXP3 Mouse Monoclonal Antibody (3G3).  
Confirmation of Purity and Integrity of Antibody.

### Specificity & Comments

Recognizes a protein of 47-55kDa, which is identified as FOXP3. Its precise epitope is not known, but it has been mapped to the N-terminal portion (amino acids 2-136) of the protein. The FOX family of transcription factors is a large group of proteins that share a common DNA binding domain termed a winged-helix or forkhead domain. During early development, FOXP1 and FOXP2 are expressed abundantly in the lung, with lower levels of expression in neural, intestinal and cardiovascular tissues, where they act as transcription repressors. FOXP1 is widely expressed in adult tissues, while neoplastic cells often exhibit a dramatic change in expression level or localization of FOXP1. Mutations in FOXP3 gene cause IPEX, a fatal, X-linked inherited disorder characterized by immune dysregulation. The FOXP3 protein is essential for normal immune homeostasis. Specifically, FOXP3 represses transcription through a DNA binding forkhead domain, thereby regulating T cell activation.

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Immuno Oncology, Nuclear Marker, Transcription Factors

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

---