Product Datasheet

FOXP3 Rabbit mAb

Catalog No: #49330

Package Size: #49330-1 50ul #49330-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

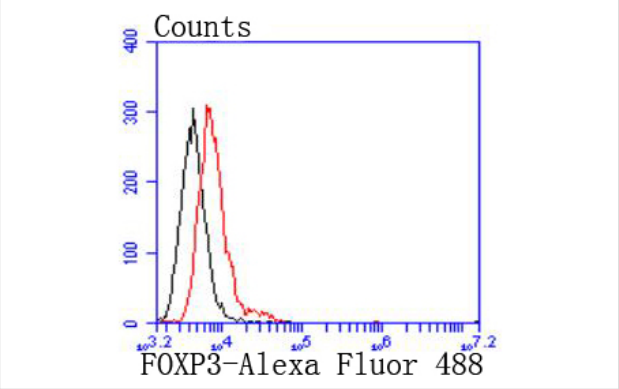
Description

Product Name	FOXP3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JF0926
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	AIID antibody DIETER antibody Forkhead box P3 antibody Forkhead box protein P3 antibody FOXP3 antibody FOXP3_HUMAN antibody FOXP3delta7 antibody Immune dysregulation polyendocrinopathy enteropathy X linked antibody Immunodeficiency polyendocrinopathy enteropathy X linked antibody IPEX antibody JM2 antibody MGC141961 antibody MGC141963 antibody OTTHUMP00000025832 antibody OTTHUMP00000025833 antibody OTTHUMP00000226737 antibody PIDX antibody Scurfin antibody XPID antibody
Accession No.	Swiss-Prot#:Q9BZS1
Uniprot	Q9BZS1
GeneID	50943;
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000FC: 1:10-1:50

Images



Flow cytometric analysis of Raji cells with FOXP3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

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. The gene encoding human FOXP1 maps to chromosome 3p14.1, and the gene encoding human FOXP2 maps to chromosome 7q31. The gene encoding FOXP3, a third member of this family, maps to chromosome Xp11.23. Mutations in this gene cause IPEX, a fatal, X-linked inherited disorder characterized by immune dysregulation. The FOXP3 protein, also known as scurfin, is essential for normal immune homeostasis. Specifically, FOXP3 represses transcription through a DNA binding forkhead domain, thereby regulating T cell activation.

References

Note: This product is for in vitro research use only