

Mouse Monoclonal Antibody to FOXP3

Catalogue Number	sAP-0415
Target Molecule	<p>Name: FOXP3</p> <p>Aliases: JM2; AIID; IPEX; PIDX; XPID; DIETER; MGC141961; MGC141963; FOXP3</p> <p>MW: 47.2kDa</p> <p>Entrez Gene ID: 50943</p>
Description	<p>FOXP3 (a 431 amino acid protein) is a member of the forkhead/winged-helix family of transcriptional regulators and is highly conserved across mammals. FOXP3 is essential for normal immune homeostasis. FOXP3 is stably and constitutively expressed at a high level in CD25 + CD4 positive regulatory T cells, at low level in CD4 positive/CD25 negative cells, and is absent in CD4 negative/CD8 positive T cells. FOXP3 may be a master regulatory gene and a more specific marker of regulatory T cells than other T cells.</p>
Immunogen	Purified recombinant fragment of human FOXP3 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM4C7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Clin Immunol. 2010 Mar;134(3):277-88. ; 2. Lupus. 2010 Feb;19(2):138-45.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**