

FOXP3 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1415a

Product Information

Application	WB, E
Primary Accession	Q9BZS1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4C7
Isotype	IgG1
Calculated MW	47244 Da
Description	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.
Immunogen	Purified recombinant fragment of human FOXP3 expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

Other Names	Forkhead box protein P3, Scurfin, FOXP3, IPEX
Dilution	WB~~1/500 - 1/2000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FOXP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

References

1. Clin Immunol. 2010 Mar;134(3):277-88.
2. Lupus. 2010 Feb;19(2):138-45.

Images

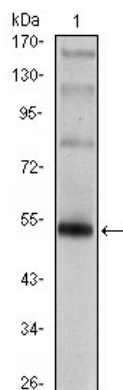


Figure 1: Western blot analysis using FOXP3 mAb against FOXP3(AA: 2-193)-hIgGfc transfected HEK293 cell.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.