



FOXP3 Monoclonal Antibody

Product Code	CSB-MA545218
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Synthetic peptide conjugated to KLH derived from Human Heme Oxygenase 1.
Raised In	Mouse
Species Reactivity	Human
Specificity	FOXP3 antibody detects endogenous levels of total FOXP3
Tested Applications	ELISA, WB; Recommended dilution: WB: 1:500-1:5000
Relevance	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.
Form	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for 12 months from date of receipt.
Purification Method	Affinity-chromatography
Clonality	Monoclonal
Alias	JM2; AIID; IPEX; PIDX; XPID; DIETER; MGC141961; MGC141963; FOXP3
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	5C8
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.