



# FOXP3 Monoclonal Antibody

<b>Product Code</b>	CSB-MA545218
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from Human Heme Oxygenase 1.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Specificity</b>	FOXP3 antibody detects endogenous levels of total FOXP3
<b>Tested Applications</b>	ELISA, WB; Recommended dilution: WB: 1:500-1:5000
<b>Relevance</b>	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.
<b>Form</b>	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for 12 months from date of receipt.
<b>Purification Method</b>	Affinity-chromatography
<b>Clonality</b>	Monoclonal
<b>Alias</b>	JM2; AIID; IPEX; PIDX; XPID; DIETER; MGC141961; MGC141963; FOXP3
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)