

## 30-2283: Anti-FoxP3 Monoclonal Antibody (Clone:3G3)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3G3
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human, Mouse
<b>Conjugate :</b>	PE
<b>Gene :</b>	FOXP3
<b>Gene ID :</b>	50943
<b>Uniprot ID :</b>	Q9BZS1
<b>Alternative Name :</b>	FOXP3,IPEX,JM2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Full-length His-tagged recombinant murine FoxP3

### Description

FoxP3 (Forkhead box protein 3), a highly conserved forkhead/winged-helix transcription factor, plays a crucial role in maintaining immune homeostasis by governing the development and function of regulatory T cells. It is constitutively expressed at high level in CD25+ CD4+ Treg cells and at low level in a CD25- CD4+ Treg cell subset. Defects in gene encoding FoxP3 protein cause the scurfy phenotype in mice, and in human the IPEX syndrome (immune dysfunction, polyendocrinopathy, enteropathy, X-linked syndrome), also known as X-linked autoimmunity-allergic dysregulation (XLAAD) syndrome.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

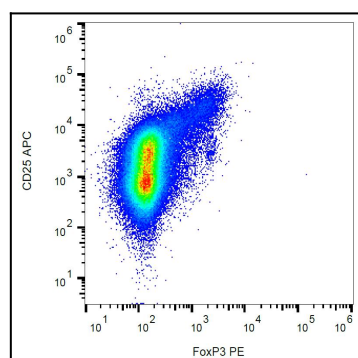


Figure 1: Intracellular staining of human peripheral blood cells (gated on CD4+ cells) with anti-FoxP3 (clone 3G3) PE.