

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

Clonality :	Monoclonal
Clone Name :	3G3
Application :	FACS, WB
Reactivity :	Human, Mouse
Conjugate :	PE
Gene :	FOXP3
Gene ID :	50943
Uniprot ID :	Q9BZS1
Alternative Name :	FOXP3,IPEX,JM2
Isotype :	Mouse IgG1
Immunogen Information :	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

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

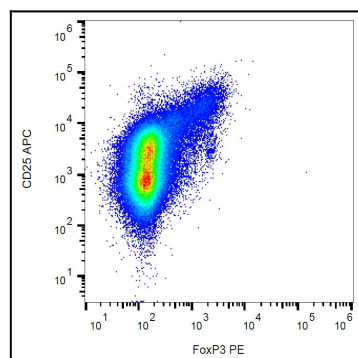


Figure 1: Intracellular staining of human peripheral blood cells (gated on CD4+ cells) with anti-FoxP3 (clone 3G3) PE.