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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: FOXP3,IPEX,JM
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.

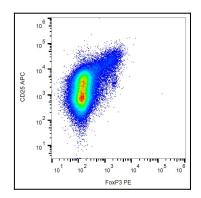


Figure 1: Intracellular staining of human peripheral blood cells (gated on CD4+ cells) with anti-FoxP3 (clone 3G3) PE.