Anti-Human Foxp3 PE
Catalog Number: 83411-60

Product Information
- **Clone:** PCH101
- **Format/Conjugate:** PE
- **Concentration:** 5 μL (0.25 ug)/test
- **Reactivity:** Human
- **Laser:** Blue (488nm)
- **Peak Emission:** 578nm
- **Peak Excitation:** 496nm
- **Filter:** 585/40
- **Brightness (1=dim, 5=brightest):** 5
- **Isotype:** Rat IgG2a, kappa
- **Formulation:** Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
- **Storage:** Product should be kept at 2-8°C and protected from prolonged exposure to light.
- **Applications:** PE

Description
The PCH101 monoclonal antibody specifically reacts with human Foxp3, also known as Forkhead Box P3, Scurfin, IPEX, and JM2. The 49-55 kDa transcription factor is the primary marker for CD4+ CD25+ regulatory T cells. Treg cells suppress the cytokine production and proliferation of other T cells and are essential in T cell mediated autoimmunity. The PCH101 antibody also cross reacts with cynomolgus macaque, rhesus macaque, and chimpanzee.

Preparation & Storage
The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Application Notes
The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. The antibody can be used at less than or equal to 5 μL per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 μL.

References