

DATASHEET**FOXP3 Monoclonal Antibody (FJK-16s), APC**

Code Number#KT117-5773-82

Pack Size: 100 µg

Description: The FJK-16s antibody reacts with mouse, rat, dog, porcine, bovine and cat Foxp3 also known as FORKHEAD BOX P3, SCURFIN, and JM2; cross reactivity of this antibody to other proteins has not been determined. Foxp3, a 49-55 kDa protein, is a member of the forkhead/winged-helix family of transcriptional regulators, and was identified as the gene defective in 'scurfy' (sf) mice. Constitutive high expression of foxP3 mRNA has been shown in CD4+CD25+ regulatory T cells (Treg cells), and ectopic expression of foxp3 in CD4+CD25- cells imparts a Treg phenotype in these cells. Immunoblotting with FJK-16s antibody has mapped the epitope to amino acids 75-125 of the mouse Foxp3 protein. In the human, this region has been shown to be alternatively spliced at the mRNA level. Both the alternatively-spliced and non-spliced isoforms are present in the CD4+CD25+ subset of lymphocytes.

Species: Bovine, Dog, Cat, Mouse, Pig, Rat**Expression System:** Rat / IgG2a, kappa**Recommended Isotype:** Rat IgG2a kappa Isotype Control (eBR2a), APC**Class:** Monoclonal**Type:** Antibody**Clone:** FJK-16s**Conjugate:** APC**Form:** Liquid**Concentration:** 0.2 mg/mL**Purification:** Affinity chromatography**Storage Buffer:** PBS, pH 7.2, with 0.1% gelatin

Contains 0.09% sodium azide

Storage Conditions: 4° C, store in dark, DO NOT FREEZE.**Applications:** Flow Cytometry (Flow), ChIP assay (ChIP), Immunofluorescence (IF)

For In-Vitro Diagnostic Use. Not for human or animal consumption. Not for resale without express authorization.