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# Foxp3 Antibody [3G3] (FITC)

CATALOG NUMBER: 77-147

## Specifications

| | |
|---|---|
| **SPECIES REACTIVITY:** | Mouse |
| **TESTED APPLICATIONS:** | FACS |
| **USER NOTE:** | Optimal dilutions for each application to be determined by the researcher. |
| **SPECIFICITY:** | The 3G3 monoclonal antibody specifically reacts with the mouse 50-55 kDa Foxp3 protein (JM2, IPEX), a member of the forkhead family of transcription factors. |
| **HOST SPECIES:** | Mouse |

## Properties

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|---|---|
| **PURIFICATION:** | The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product. |
| **PHYSICAL STATE:** | liquid |
| **BUFFER:** | Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2. |
| **CONCENTRATION:** | 0.5 mg/mL |
| **STORAGE CONDITIONS:** | The product should be stored undiluted at 4˚C and should be protected from prolonged exposure to light. Do not freeze. |
| **CLONALITY:** | Monoclonal |
| **ISOTYPE:** | Mouse IgG1, kappa |
| **CONJUGATE:** | FITC |

## Additional Info

| | |
|---|---|
| **ALTERNATE NAMES:** | sf, JM2, scurfin, Foxp3 |
| **OFFICIAL SYMBOL:** | Foxp3 |
| **GENE ID:** | 20371 |

## Background

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|---|---|
| **BACKGROUND:** | The 3G3 monoclonal antibody specifically reacts with the mouse 50-55 kDa Foxp3 protein (JM2, IPEX), a member of the forkhead family of transcription factors. Foxp3 is expressed by the Treg lymphocytes, whose development and function are influenced by the forkhead protein. Ectopic expression of Foxp3 in T lymphocytes inhibits their activity and cytokine expression.Mutations of Foxp3 result in the “scurfy” mice phenotype. |

**FOR RESEARCH USE ONLY**

December 13, 2016