

FOXP3 antibody [MF23] (APC)

Cat. No. GTX01488-07

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	FCM
Reactivity	Mouse

References (6)

Package

100 µg

PRODUCT

Summary

The MF23 antibody reacts with mouse Foxp3, a 50-55 kDa transcription factor which is a central regulator of T cell activity and is critical for the development and function of regulatory T cells (Tregs). Foxp3 is a member of the forkhead box or winged helix family of transcription factors and is expressed at constitutively high levels in Treg cells. Forced expression of Foxp3 in conventional T cells results in the upregulation of Treg associated molecules such as CD25, CTLA-4, and GITR and is sufficient to impart suppressive functional activity to these cells.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution Recommended dilution

FCM Assay dependent

Note : Recommend using the Transcription Factor Staining Buffer Kit for optimal staining results with this antibody.

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Allophycocyanin (APC) Wavelength

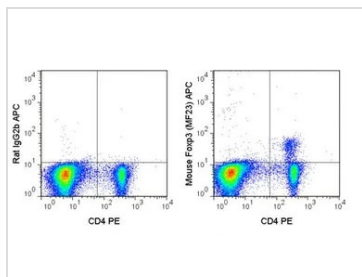
Note

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DATA IMAGES

GTX01488-07 FCM Image

FACS analysis of mouse C57Bl/6 splenocytes using GTX01488-07 FOXP3 antibody [MF23] (APC).

Right panel : primary antibody

Left panel : isotype control

antibody amount : 0.25 μ g (5 μ l)



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