

Foxp3 monoclonal antibody

Catalog: MB21054

Host: Mouse

Reactivity: Human, Mouse

BackGround:

The transcription factor Foxp family includes Foxp1, Foxp2, and Foxp3. The Foxp3 (50KDa) plays a key role in CD4(+) CD25(+) regulatory T cell function and represents a specific marker for these cells. Despite its strong association with regulatory T cell function, in humans little is known about the frequency of CD4(+) CD25(+) cells that express FOXP3 protein nor the distribution of these cells in vivo. FOXP3 may be a master regulatory gene and a more specific marker of regulatory T cells than other T cells.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

Swiss-Prot:

Q9BZS1

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

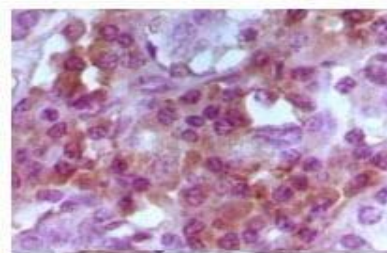
IHC: 1/200 - 1/1000 IF: 1/200 - 1/1000

Storage&Stability:

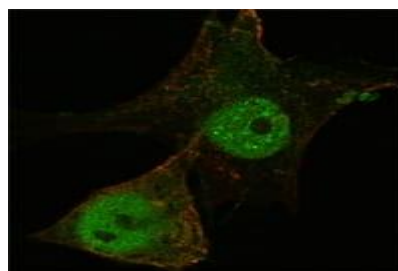
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

DATA:



Immunohistochemical analysis of paraffin-embedded human lymphocyte tissue, showing cytoplasmic and nuclear localization using Foxp3 mouse mAb with DAB staining.



Confocal Immunofluorescence analysis of PANC-1 cells using FOXP3 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Note:

For research use only, not for use in diagnostic procedure.

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