

Anti-FOXP3 Antibody (7Z785)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 47 kDa. Actual: 45 kDa.
Clone:	7Z785
Purification:	Protein A purified

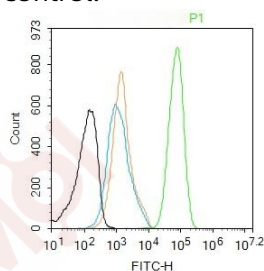
Applications

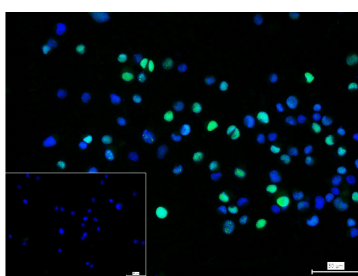
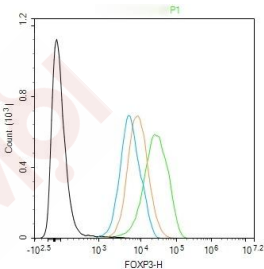
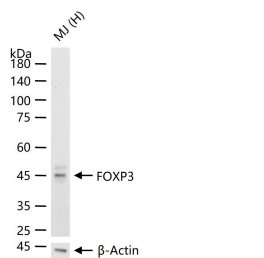
1. Blank control: MCF7. Primary Antibody (green line): Rabbit Anti-FOXP3 antibody (TMAB-00711)
 Dilution: 2 µg/10⁶ cells;
 Isotype Control Antibody (orange line): Rabbit IgG.
 Secondary Antibody: Goat anti-rabbit IgG-AF488
 Dilution: 1 µg/test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.

- Verified Activity:
- 25 µg total protein per Lane of various lysates probed with FOXP3 monoclonal antibody, unconjugated (TMAB-00711) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.
 - The MJ (H) cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at room temperature). Primary Antibody (green): Rabbit Anti-FOXP3 antibody (TMAB-00711, 1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488: 1 µg/test. Isotype Control (orange): Rabbit IgG. Blank control (black): PBS.
 - 4% Paraformaldehyde-fixed MJ (H) cell; Triton X-100 at RT for 20 min; Antibody incubation with (FOXP3) monoclonal Antibody, unconjugated (TMAB-00711) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nucleus. PBS instead of the primary antibody was used as the blank control.





Application: WB
Recommended WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human FOXP3 protein, around C-terminal 150aa
Antigen Species: Human
Gene ID: 50943
Uniprot ID: Q9BZS1
Biology Area: Chromatid Cohesion,FOXP,Regulatory T Cells

Research Background

The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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