

# FOXP3 Recombinant Monoclonal Antibody [BLR282M]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_054728.2
Catalog No.	A700-282-T	Uniprot ID	Q9BZS1
Lot No.	1	GeneID	50943

**APPLICATIONS** WB, IP, Flow Cyt

**SPECIES REACTIVITY** Human

**AMOUNT** 10 µl (5+ tests)

**CONCENTRATION** 1000 µg/ml

**STORAGE/SHELF LIFE** 2 – 8°C / 1 year from date of receipt

**PHYSICAL STATE** Liquid

**BUFFER** Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free

**ISOTYPE** IgG

**CLONE #** BLR282M

**ORIGIN** USA

**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 275 and 325 of human Forkhead box protein P3 using the numbering given in entry NP\_054728.2 (Gene ID 50943).

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1000

Immunoprecipitation 6 µl/mg lysate

Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.5 µl per 1 x 10<sup>6</sup> cells.

**APPLICATION NOTES** All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

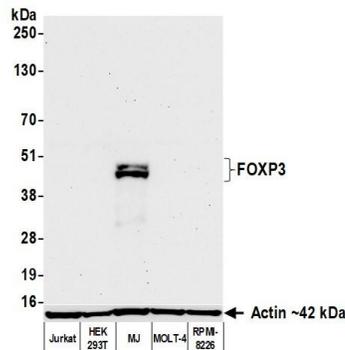
Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) with 5% Normal Pig Serum (Cat. No. S100-020) added to the blocking buffer.

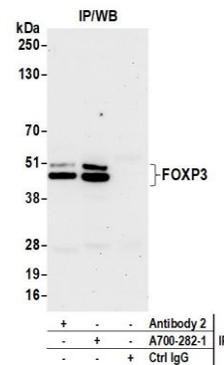
**ADDITIONAL INFO** <https://www.fortislife.com/p/A700-282-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

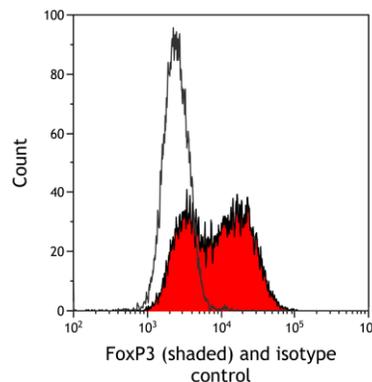
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: December 26, 2023



**Detection of human FOXP3 by western blot.** *Samples:* Whole cell lysate (50 µg) from Jurkat, HEK293T, MJ, MOLT-4, and RPMI-8226 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-FOXP3 recombinant monoclonal antibody [BLR282M] (A700-282 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



**Detection of human FOXP3 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MJ cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-FOXP3 recombinant monoclonal antibody [BLR282M] (A700-282 lot 1) used for IP at 6 µl/mg lysate. FOXP3 was also immunoprecipitated by a second antibody against a different epitope of FOXP3 (Antibody 2). For blotting immunoprecipitated FOXP3, A700-282 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human FoxP3 (shaded) in MJ[G11] cells by flow cytometry.** *Antibody:* Rabbit anti-FoxP3 recombinant monoclonal antibody [BLR282M] (A700-282) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).