

bs-42173R**[Primary Antibody]****FOXP3 Rabbit pAb****Bioss**
ANTIBODIES

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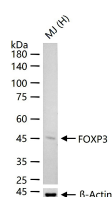
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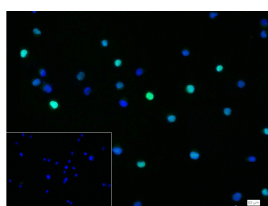
400-901-9800

— DATASHEET —

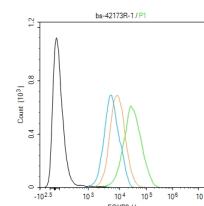
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1 μ g/Test) ICC/IF (1:50-200)
Clonality: Polyclonal		
GeneID: 50943	SWISS: Q9BZS1	
Target: FOXP3		Reactivity: Human
Immunogen: Recombinant human FOXP3 protei: 1-193/431.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 47 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Nucleus
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].		

— VALIDATION IMAGES —

25 μ g total protein per lane of various lysates (see on figure) probed with FOXP3 polyclonal antibody, unconjugated (bs-42173R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed MJ (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (FOXP3) polyclonal Antibody, unconjugated (bs-42173R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The MJ (H) cells were fixed with 4% PFA (10 min at r.t.) 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 r.t.). Primary Antibody (green): Rabbit Anti-FOXP3 antibody (bs-42173R): 1 μ g/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 μ g/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=2.7]** Weixiao Sun. et al. Xylo-oligosaccharides enhance intestinal and thymic immunity by modulating pyroptosis, gut microbiota and Th17/Treg immune response in LPS-challenged piglets. JOURNAL OF ANIMAL SCIENCE. 2025 Feb 22;skaf050. Western blot ;Fig. 39985783