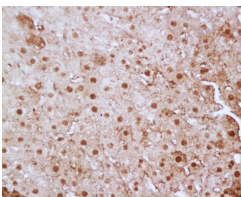


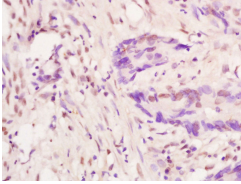
FoxP3 Rabbit pAb

Catalog Number: bs-0269R
Target Protein: FoxP3
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (0.2ug/Test)
Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse)
Predicted MW: 47 kDa
Detected MW: 50-55 kDa
Entrez Gene: 50943
Swiss Prot: Q9BZS1
Source: KLH conjugated synthetic peptide derived from human FoxP3: 11-100/431.
Purification: affinity purified by Protein A
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.
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].

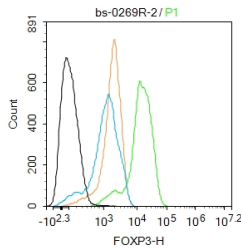
VALIDATION IMAGES



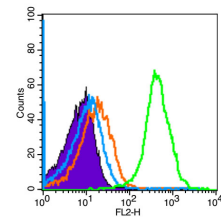
Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FoxP3) Polyclonal Antibody, Unconjugated (bs-0269R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FoxP3) Polyclonal Antibody, Unconjugated (bs-0269R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:MCF-7. Primary Antibody (green line): Rabbit Anti-FOXP3 antibody (bs-0269R) Dilution: 2ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were fixed with 4% PFA (10min 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. Acquisition of 20,000 events was performed.



Blank control (Black line): Mouse spleen (Black). Primary Antibody (green line): Rabbit Anti-FoxP3 antibody (bs-0269R) Dilution: 3µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5%BSA goat serum to block non-specific protein-protein interactions for 15 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. Acquisition of 20,000 events was performed.

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.467] Shuang Zhou. et al. Tumor microenvironment adrenergic nerves blockade liposomes for cancer therapy. J CONTROL RELEASE. 2022 Nov;351:656 IF ; Mouse . 36183971

[IF=7.367] Yitian Du. et al. Engineered Microglia Potentiate the Action of Drugs against Glioma Through Extracellular Vesicles and Tunneling Nanotubes. 2021 Feb 28 IF,IHC ; Mouse . 33644993

[IF=4.8] Zhiying Tan. et al. Exploring Si-Ni-San's therapeutic dynamics in autoimmune thyroid disorders: A network pharmacology approach and experimental evidence. J ETHNOPHARMACOL. 2024 Oct;;119004 WB ; Mouse . 39490709

[IF=3.776] Jia-qi Yuan. et al. S100A9 promotes glycolytic activity in HER2-positive breast cancer to induce immunosuppression in the tumour microenvironment. HELIYON. 2023 Feb;9:e13294 IHC ; Human . 36755606

[IF=3.208] Matsubara et al. Immune activation during the implantation phase causes preeclampsia-like symptoms via the CD40-CD40 ligand pathway in pregnant mice. (2016) Hypertens.Re. 39:407-14 IHC ; Mouse . 26763855