

DATASHEET

FOXP3 Recombinant Rabbit mAb

Catalog Number: bsm-52079R

Target Protein: FOXP3

Concentration: 1mg/ml

Host: Rabbit

Clonality: Recombinant

Applications: WB (1:500-2000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200), Flow-Cyt
(2ug/Test),

Reactivity: Human

Predicted MW: 47 kDa

Isotype: IgG

Entrez Gene: 50943

Swiss Prot: Q9BZS1

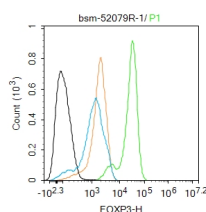
Purification: affinity purified by Protein A

Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

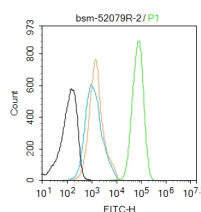
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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



Blank control:MCF-7.
Primary Antibody (green line):
Rabbit Anti-FOXP3 antibody
(bsm-52079R)
Dilution: 1ug/Test;
Secondary Antibody : Goat anti-
rabbit IgG-FITC
Dilution: 0.5ug/Test.
Protocol



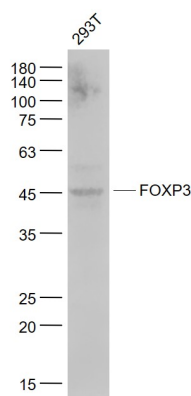
Blank control:MCF7.
Primary Antibody (green line):
Rabbit Anti-FOXP3 antibody
(bsm-52079R)
Dilution: 2µg /10⁶ cells;
Isotype Control Antibody (orange
line): Rabbit IgG .
Secondary Antibody : Goat anti-
rabbit IgG-AF488

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.

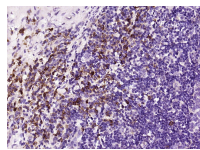
Dilution: 1 µg /test.

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.



Sample:
293T (Mouse) Lysate at 40 µg
Primary: Anti- FOXP3
(bsm-52079R) at 1/1000 dilution
Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000
dilution
Predicted band size: 47 kD
Observed band size: 47 kD



Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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 (bsm-52079R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.722] Judith Heiss. et al. Targeted Interleukin-9 delivery in pulmonary hypertension: Comparison of immunocytokine formats and effector cell study. EUR J CLIN INVEST. 2022 Nov;;e13907 IF ; Mouse . 36377348

[IF=5.085] Wang Ning. et al. CD226 Attenuates Treg Proliferation via Akt and Erk Signaling in an EAE Model. Front Immunol. 2020 Aug;11:1883 IHC ; Mouse . 32983109

[IF=2.885] Sun, Xinxin. et al. 0.1% Nano-silver mediates PD-1/PD-L1 pathway and alleviates chronic apical periodontitis in rats. ODONTOLOGY. 2022 Sep;;1-11 IHC ; Rat . 36057921

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.