

bs-5971R**[Primary Antibody]**

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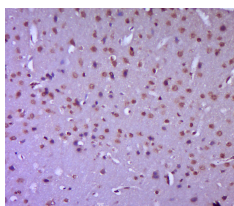
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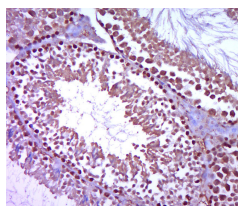
400-901-9800

Plzf Rabbit pAb**— DATASHEET —**

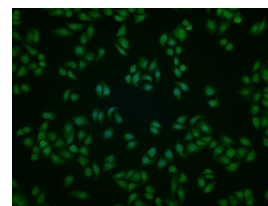
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1 μ g/Test) ICC/IF (1:25) Reactivity: Human, Mouse (predicted: Rat, Cow, Dog, Horse) Predicted MW.: 74 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 7704	SWISS: Q05516	
Target: Plzf		
Immunogen: KLH conjugated synthetic peptide derived from human Plzf: 581-673/673.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: Probable transcription factor. May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.		

— VALIDATION IMAGES —

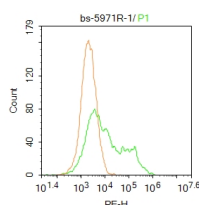
Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Plzf) Polyclonal Antibody, Unconjugated (bs-5971R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); 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 (Plzf) Polyclonal Antibody, Unconjugated (bs-5971R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Plzf) polyclonal Antibody, Unconjugated (bs-5971R) 1:25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Blank control: Molt4. Primary Antibody (green line): Rabbit Anti-PLZF antibody (bs-5971R)
 Dilution: 1 μ g / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1 μ g /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with PBST for 20 min at room temperature. The cells were then incubated in

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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.

— SELECTED CITATIONS —

- **[IF=16.6]** Dong Danfeng. et al. Inflammasome activity is controlled by ZBTB16-dependent SUMOylation of ASC. NAT COMMUN. 2023 Dec;14(1):1-16 IF ;Mouse. 38123560
- **[IF=6.975]** Meng-Fei Zhang. et al. Transcription factor Dmrt1 triggers the SPRY1-NF-κB pathway to maintain testicular immune homeostasis and male fertility. ZOOL RES. 2023 May 18; 44(3): 505–521 IF ;Mouse. 37070575
- **[IF=6.208]** Baohui Yao. et al. Reproductive Suppression Caused by Spermatogenic Arrest: Transcriptomic Evidence from a Non-Social Animal. INT J MOL SCI. 2023 Jan;24(5):4611 IHC ;Zokor. 36902039
- **[IF=5.076]** Feng T et al. Melatonin Protects Goat Spermatogonial Stem Cells against Oxidative Damage during Cryopreservation by Improving Antioxidant Capacity and Inhibiting Mitochondrial Apoptosis PathwayOxid Med Cell Longev.2020 Dec 31;2020:5954635. IF ;Goat. 33488926
- **[IF=4.8]** Meng-fei ZHANG. et al. MiR-21-5p ameliorates Busulfan-induced testicular dysfunction and maintains spermatogenesis1. J INTEGR AGR. 2024 Feb;; IF ;Goat. 10.1016/j.jia.2024.02.004