

bs-1074R**[Primary Antibody]****Nrf2 Rabbit pAb****Bioss**
ANTIBODIES

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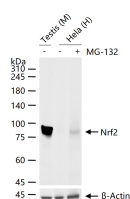
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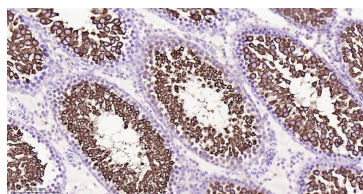
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— DATASHEET —

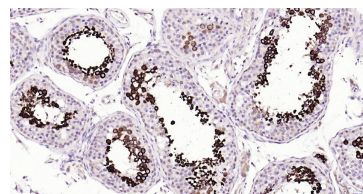
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg/Test)
Clonality: Polyclonal		
GeneID: 4780	SWISS: Q16236	
Target: Nrf2		
Immunogen: KLH conjugated synthetic peptide derived from human Nrf2: 401-500/605.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat Predicted MW.: 68 kDa Subcellular Location: Cytoplasm ,Nucleus
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: Nuclear factor erythroid 2-related factor 2 (Nrf2) is a transcription factor which regulates the expression of many detoxification and antioxidant enzymes. Nrf2 can potentially play a significant role in adaptive responses to oxidative stress. Nrf2 belongs to the Cap N Collar (CNC-bZIP) subfamily of basic /leucine zipper (bZIP) transcription factors.		

— VALIDATION IMAGES —

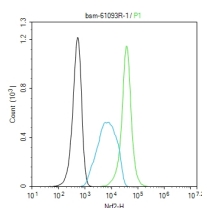
HeLa (H) cells were treated with or without MG-132 (10 µM) for 10h, 25 µg total protein per lane of cell lysates (see on figure) probed with Nrf2 monoclonal antibody, unconjugated (bsm-61093R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Rat Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Nrf2 Polyclonal Antibody, Unconjugated (bs-1074R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Nrf2 Polyclonal Antibody, Unconjugated (bs-1074R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



The HeLa (treated with MG-132 (10 µM, 10h)) (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-Nrf2 antibody (bs-1074R): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events

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

was performed.

— SELECTED CITATIONS —

- **[IF=17.1]** Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ;Rat. 38533773
- **[IF=10.183]** Jae Yeon Kim. et al. Increased PRL-1 in bone marrow-derived mesenchymal stem cells triggers anaerobic metabolism via mitochondria in a cholestatic rat model. MOL THER-NUCL ACIDS. 2023 Feb 04 WB ;Rat. 36865088
- **[IF=10.2]** Wen E. et al. The mitochondria-targeted Kaempferol nanoparticle ameliorates severe acute pancreatitis. J NANOBIOTECHNOL. 2024 Dec;22(1):1-15 WB ;Mouse. 38570776
- **[IF=8.724]** Jianmei Li. et al. Mn-containing bioceramics inhibit osteoclastogenesis and promote osteoporotic bone regeneration via scavenging ROS. Bioact Mater. 2021 Nov;6:3839 IF ;Rat. 33898880
- **[IF=7.675]** Shuang Wang. et al. Dioscin Protects against Cisplatin-Induced Acute Kidney Injury by Reducing Ferroptosis and Apoptosis through Activating Nrf2/HO-1 Signaling. ANTIOXIDANTS-BASEL. 2022 Dec;11(12):2443 IF ;Rat. 36552651