

bs-1919R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

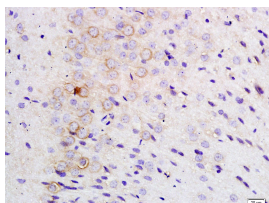
sales@bioss.com.cn

techsupport@bioss.com.cn

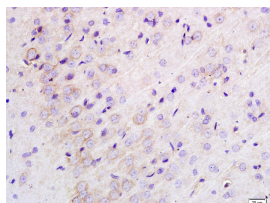
400-901-9800

TLR1 Rabbit pAb**DATASHEET**

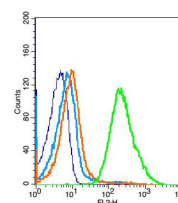
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 7096	SWISS: Q15399	IF (1:100-500)
Target: TLR1		Flow-Cyt (1µg /test)
Immunogen: KLH conjugated synthetic peptide derived from human TLR1: 101-200/786.		Reactivity: Human, Rat (predicted: Mouse, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 87(hu,mo)/91(rat kDa)
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm
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: TLR1 is a member of the Toll like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. The gene encoding TLR1 is ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted for this gene.		

VALIDATION IMAGES

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TLR1 Polyclonal Antibody, Unconjugated(bs-1919R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TLR1 Polyclonal Antibody, Unconjugated(bs-1919R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control: Raji(blue). Primary Antibody:Rabbit Anti-TLR1 antibody(bs-1919R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice.The cells were washed twice with phosphate-buffered saline (PBS).The cells were then incubated in 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions followed by the antibody (bs-1919R, 1µg /1x10⁶ cells) for 30 min on ice. The secondary antibody used was Goat Anti-rabbit IgG/PE antibody at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.26]** Li, Chengcheng, et al. "Phycocyanin attenuates pulmonary fibrosis via the TLR2-MyD88-NF-κB signaling pathway." Scientific Reports 7 (2017). WB ;="Mouse". 28725012
- **[IF=4.235]** Qi Renli. et al. Introduction of Colonic and Fecal Microbiota From an Adult Pig Differently Affects the Growth, Gut Health, Intestinal Microbiota and Blood Metabolome of Newborn Piglets. Front Microbiol. 2021 Feb;12:96 WB ;Pig. 33613491