bs-20594R

[Primary Antibody]

TLR4 Rabbit pAb



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— DATASHEET ————		400-901-9800	
Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000)	
Clonality: Polyclonal		IHC-P (1:100-500)	
GenelD: 7099	SWISS: 000206	IF (1:200-1000)	
Target: TLR4		Reactivity: Human Mouse Rat	
Immunogen: KLH conjugated synthetic peptide derived from human TLR4: 701-800/839.		(predicted: Rabbit, Pig, Sheep, Cow, Horse)	
Purification: affinity purified by P	rotein A		
Concentration: 1mg/ml		Predicted MW.: ^{90 kDa}	
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.		Subcellular Location: Cell membrane ,Cytoplasm	
Background: The Toll-like receptor 4 by activating natural immunity, specific immune response involved in the start-up, Toll-like receptor 4 as an important signal transduction transmembrane receptor involved in the toxin-induced inflammation in the pathological process, its mechanisms of control On a growing concern. all regions were either double-stranded or sequenced with an alternatechemistry or covered by high quality data(i.e., phred quality >=30); an attempt was made to resolve all sequencing problems, such as compressions and repeats; all regions were covered by at least one subclone; and the assembly was confirmed by restriction digest, except on the rare occasion of the clone being a YAC. The following abbreviations are used to associate primary accession numbers given in the feature table with their source databases: Em:, EMBL; Sw:, SWISSPROT; Tr., TREMBL; Wp:, WORMPEP; Information on the WORMPEP database can be found at. TLR-4 plays an important role in microvascular leakage and leukocyte adhesion under the inflammatory condition associated with nonseptic thermal injury.			

– VALIDATION IMAGES



Sample: K562(Human) Cell Lysate at 40 ug HL-60(Human) Cell Lysate at 40 ug RAW264.7(Mouse) Cell Lysate at 40 ug Primary:Anti-TLR4 (bs-20594R) at 1/2000 dilution



This image was generously provided by Juanli Fu, at Southwest University in Chong Qing, China. 4% Paraformaldehyde fixed PC12 cells stained with Rabbit Anti- TLR4 Polyclonal Antibody (bs-20594R) at 1:300 for 3 hours at 4°C, followed by Alexa Fluor 488-conjugated secondary antibody for an additional hour.

- SELECTED CITATIONS -

• [IF=18.5] Xiao Chen. et al. Controlling Alveolar Bone Loss by Hydrogel-Based Mitigation of Oral Dysbiosis and Bacteria-

 $\label{eq:started} \ensuremath{\mathsf{Triggered}}\xspace \mathsf{Proinflammatory}\xspace \mathsf{Immune}\xspace \mathsf{Response}. \ensuremath{\mathsf{ADV}}\xspace \mathsf{FUNCT}\xspace \mathsf{MATER}. 2024\ensuremath{\mathsf{Aug}}\xspace \mathsf{House}. \ensuremath{\mathsf{Triggered}}\xspace \mathsf{Funct}\xspace \mathsf{Aug}\xspace \mathsf{House}. \ensuremath{\mathsf{Aug}}\xspace \mathsf{Aug}\xspace \mathsf{Aug}$

- 10.1002/adfm.202409121
- [IF=15.863] Li Chengnan. et al. Neutrophil-inspired photothermo-responsive drug delivery system for targeted

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treatment of bacterial infection and endotoxins neutralization. Biomaterials Research. 2023 Dec;27(1):1-16 WB ;Human. 37061741

- [IF=13.6] Huizhen Ma. et al. Bioactive NIR-II gold clusters for three-dimensional imaging and acute inflammation inhibition. SCI ADV. 2023 Aug;9(31) IF ;Human. 37531420
- [IF=12.2] Zi-Yan Hu. et al. AHR activation relieves deoxynivalenol-induced disruption of porcine intestinal epithelial barrier functions. J HAZARD MATER. 2024 Dec;480:136095 WB ;Porcine. 39395393
- [IF=7.5] Giovanni Sarnelli. et al. Intranasal administration of Escherichia coli Nissle expressing the spike protein of SARS-CoV-2 induces long-term immunization and prevents spike protein-mediated lung injury in mice. BIOMED PHARMACOTHER. 2024 May;174:116441 IF ;Mouse. 38518597