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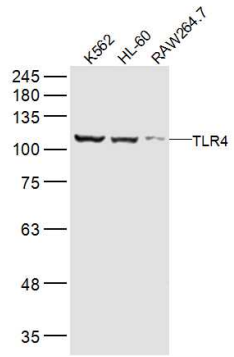
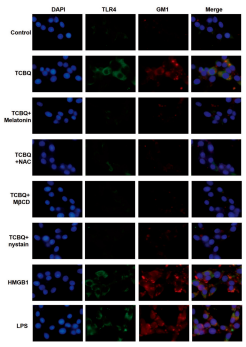
TLR4 Rabbit pAb

Catalog Number:	bs-20594R
Target Protein:	TLR4
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:1000-2000), IHC-P (1:100-500), IHC-F (1:500-1000), IF (1:200-1000)
Reactivity:	Human, Mouse, Rat, Cow (predicted:Rabbit, Pig, Sheep, Horse)
Predicted MW:	90 kDa
Entrez Gene:	7099
Swiss Prot:	O00206
Source:	KLH conjugated synthetic peptide derived from human TLR4: 701-800/839.
Purification:	affinity purified by Protein A
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:	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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=18.5] Xiao Chen. et al. Controlling Alveolar Bone Loss by Hydrogel-Based Mitigation of Oral Dysbiosis and Bacteria-Triggered Proinflammatory Immune Response. ADV FUNCT MATER. 2024 Aug;:2409121 IF ; Mouse . 10.1002/adfm.202409121

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