

bs-10208R**[Primary Antibody]****phospho-IRAK4 (Thr345) Rabbit pAb****Bioss**
ANTIBODIES

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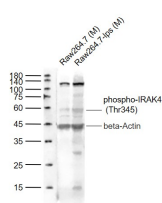
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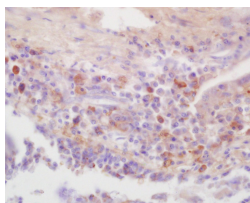
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig) Predicted MW.: 51 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 51135	SWISS: Q9NWZ3	
Target: phospho-IRAK4 (Thr345)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IRAK4 around the phosphorylation site of Thr345: VM(p-T)SR.		
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: This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]		

— VALIDATION IMAGES —

Sample: Lane 1: Raw264.7 (Mouse) Cell Lysate at 30 ug
Lane 2: Raw264.7-lps (Mouse) Cell Lysate at 30 ug
Primary: Anti-phospho-IRAK4 (Thr345) (bs-10208R) at 1/1000 dilution
Anti-beta-Actin (bs-0061R) at 1/2000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51-55 kD
Observed band size: 58 kD



Tissue/cell: human lung carcinoma; 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-phospho-IRAK4(Thr345) Polyclonal Antibody, Unconjugated(bs-10208R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=9.7]** Yikang Ji. et al. IL-1 α facilitates GSH synthesis to counteract oxidative stress in oral squamous cell carcinoma under glucose-deprivation. CANCER LETT. 2024 Mar;;216833 WB,IHC ;Mouse. 38548217
- **[IF=6.1]** Dongxue Song. et al. Purple Sweet Potato Polysaccharide Exerting an Anti-inflammatory Effect via a TLR-Mediated Pathway by Regulating Polarization and Inhibiting the Inflammasome Activation. J AGR FOOD CHEM. 2024;XXXX(XXX):XXX-XXX WB ;Mouse. 38233194