bs-3193R **[Primary Antibody]**

Phospho-IRAK1 (Thr209) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3654 **SWISS:** P51617

Target: Phospho-IRAK1 (Thr209)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IRAK1 around the phosphorylation site of Thr209: RG(p-T)HN.

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 the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

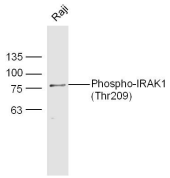
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (0.2µg /Test)
ICC/IF (1:100)

Reactivity: Human, Rat

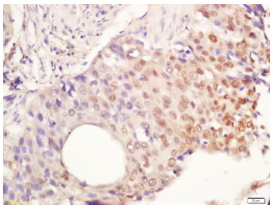
Predicted MW.: 78 kDa

Subcellular Location: Cytoplasm ,Nucleus

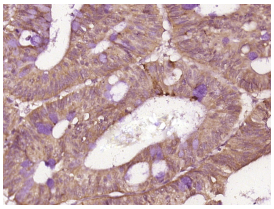
VALIDATION IMAGES



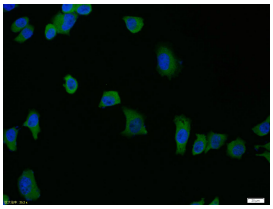
Sample: Raji Cell Lysate at 30 ug Primary: Anti-phospho-IRAK1(Thr209) (bs-3193R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 78 kD Observed band size: 78 kD



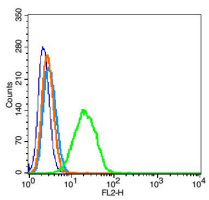
Tissue/cell: Human lung cancer tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-IRAK1 (Ser376) Polyclonal Antibody, Unconjugated(bs-3193R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IRAK1 (Thr209)) Polyclonal Antibody, Unconjugated (bs-3193R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Phospho-IRAK1 (Thr209)) polyclonal Antibody, Unconjugated (bs-3193R) 1:100, 90 minutes at 37°C; followed



Blank control(blue): RSC96 cells (fixed with 2% paraformaldehyde (10 min) , then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody:Rabbit Anti-Phospho-IRAK1 (Thr209) antibody(bs-3193R), Dilution: 0.2µg in 100 µL 1X PBS containing 0.5% BSA; Isotype

by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

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.

SELECTED CITATIONS

- **[IF=4.886]** Jain VG et al. IRAK1 Is a Critical Mediator of Inflammation-Induced Preterm Birth. J Immunol. 2020 May 15;204(10):2651-2660. WB ;Human. 32238461