

bs-18129R**[Primary Antibody]****phospho-IKB alpha (Ser36) Rabbit pAb****BioSS**
ANTIBODIES

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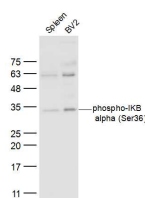
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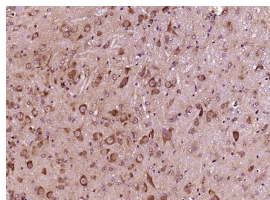
400-901-9800

— DATASHEET —

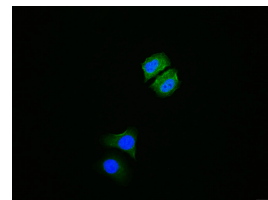
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 4792	SWISS: P25963	IHC-F (1:100-500)
Target: IKB alpha (Ser36)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human IKB alpha around the phosphorylation site of Ser36: LD(p-S)MK.		ICC/IF (1:100)
Purification: affinity purified by Protein A		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow)
Concentration: 1mg/ml		Predicted MW.: 35 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: Cytoplasm ,Nucleus
Background: This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]		

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug BV2 (Mouse) Lysate at 30 ug
 Primary: Anti-phospho-IKB alpha (Ser36) (bs-18129R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 35 kD
 Observed band size: 35 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (phospho-IKB alpha (Ser36)) Polyclonal Antibody, Unconjugated (bs-18129R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



HepG2 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-IKB alpha (Ser36)) polyclonal Antibody, Unconjugated (bs-18129R) 1:100, 90 minutes at 37°C; followed 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.

— SELECTED CITATIONS —

- **[IF=14.911]** Tsuchida T et al. A simple diet- and chemical-induced murine NASH model with rapid progression of steatohepatitis, fibrosis and liver cancer. J Hepatol. 2018 Aug;69(2):385-395. WB ;Mouse. 29572095
- **[IF=6.1]** Yijin Wang. et al. Peanut oil odor enhances the immunomodulatory effect on immunosuppressed mice by regulating cAMP signaling pathway via brain-spleen axis. FOOD FUNCT. 2024 Jan;; WB ;Mouse. 10.1039/D3FO03629D
- **[IF=5.6]** Yan-Qing Xie. et al. Anti-inflammatory and analgesic effects of Streblus indicus. FRONT PHARMACOL. 2023; 14: 1249234 WB ;Mouse. 37829300

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=5.6]** Guoliang Yi. et al. Atractylenolide-III attenuates osteoarthritis by repolarizing macrophages through inactivating TLR4/NF-κB signaling. INT IMMUNOPHARMACOL. 2024 Mar;129:111629 WB ;Mouse. 38346377
- **[IF=4.996]** Zhao, Lei. et al. Lactobacillus plantarum S9 alleviates lipid profile, insulin resistance, and inflammation in high-fat diet-induced metabolic syndrome rats. SCI REP-UK. 2022 Sep;12(1):1-10 WB ;Rat. 36109620