

bsm-56204R**[Primary Antibody]****BioSS**
ANTIBODIES

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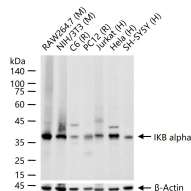
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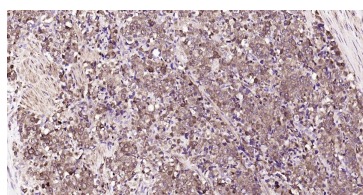
400-901-9800

IKB alpha Recombinant Rabbit mAb**— DATASHEET —**

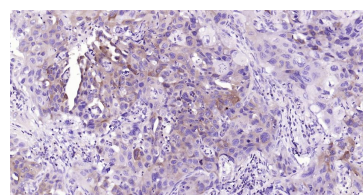
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ICC/IF (1:50-200)
Clonality: Recombinant	CloneNo.: 13D1	
GeneID: 4792	SWISS: P25963	
Target: IKB alpha		
Immunogen: A synthesized peptide derived from human Ikb alpha: 1-45/317.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat
Concentration: 1mg/ml		
Storage: PBS (pH7.2) with 40% Glycerol, 0.05% BSA and 0.02% Proclin300. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 36 kDa
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]		Observed MW.: 38 kDa
		Subcellular Location: Cytoplasm ,Nucleus

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with IKB alpha monoclonal antibody, unconjugated (bsm-56204R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Prostate Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IKB alpha Monoclonal Antibody, Unconjugated(bsm-56204R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IKB alpha Monoclonal Antibody, Unconjugated(bsm-56204R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=8.3]** Qiao Xu. et al. Biological activity study of a pine pollen extract rich in dihydroquercetin for the treatment of psoriasis. PHYTOMEDICINE. 2025 Nov;;157597 **WB ;Mouse**. 10.1016/j.phymed.2025.157597
- **[IF=5.4]** Abel Wend-Soo Zongo. et al. Polyphenol-rich extract from Torreya grandis peel attenuates lipopolysaccharide-induced inflammation in RAW264.7 macrophages via inhibition of the TLR4/NF-κB pathway. FOOD FUNCT. 2025 Sep;; **WB ;Mouse**. 41002170