

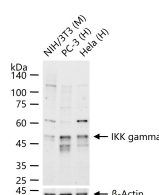
**bsm-54012R****[ Primary Antibody ]****IKK gamma Recombinant Rabbit mAb****Bioss**  
**ANTIBODIES**

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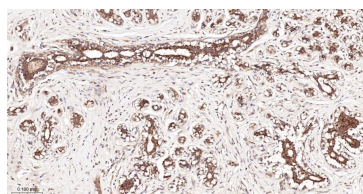
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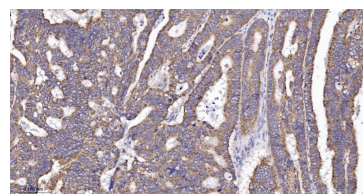
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 4A4**GeneID:** 8517**SWISS:** Q9Y6K9**Target:** IKK gamma**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:** Pro inflammatory cytokines activate the transcription factor NF kappa B by stimulating the activity of a protein kinase that phosphorylates Ikappa B, an inhibitor of NF kappa B, at sites that trigger its ubiquitination and degradation. A large, cytokine responsive Ikappa B kinase (IKK) complex has been purified and the genes encoding 2 of its subunits have been cloned. These subunits, IKK alpha and Ikk beta, are protein kinases whose function is needed for NF kappa B activation by pro inflammatory stimuli. IKK is composed of similar amounts of IKK alpha, Ikk beta, which are differentially processed forms of a third subunit, IKK gamma. IKK gamma interacts preferentially with IKK beta and is required for the activation of the IKK complex.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**Reactivity:** Human, Mouse, Rat**Predicted**  
**MW.:** 48 kDa**Subcellular**  
**Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

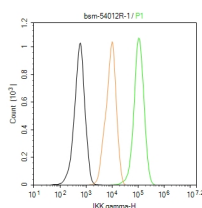
25 ug total protein per lane of various lysates (see on figure) probed with IKK gamma monoclonal antibody, unconjugated (bsm-54012R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with IKK gamma Monoclonal Antibody, Unconjugated (bsm-54012R) 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 Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with IKK gamma Monoclonal Antibody, Unconjugated (bsm-54012R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-IKK gamma antibody

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

(bsm-54012R,1:100); Isotype Control (orange):

Rabbit IgG (bs-0295P). Blank control (black):

PBS. Acquisition of 20,000 events was performed.