

## 10-6017: Monoclonal Antibody to Ikk Gamma (Clone: ABM15D9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM15D9
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	IKBKG
<b>Gene ID :</b>	8517
<b>Uniprot ID :</b>	Q9Y6K9
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IKBKG, FIP3, NEMO
<b>Isotype :</b>	Mouse IgG1 Kappa

**Immunogen Information :** A full length recombinant Ikk Gamma protein was used as the immunogen for this antibody.

### Description

IKK is a trimeric protein complex consisting of two catalytic subunits, IKKalpha and IKKbeta, and a regulatory subunit, IKKgamma. IKKgamma (also termed NEMO or IKBKG) regulates the kinase activity of IKKalpha/beta. IKKgamma plays a critical role in DNA damaged-induced NF-kappaB signaling in a role independent of its function in the IKK complex. While the biological importance of IKKgamma PTMs (Post-Translational Modifications) has been reported under a variety of stimuli, the detection of PTMs has numerous technical limitations. These limitations include both the transient nature of these modifications, as well as low overall abundance of modified IKKgamma inside the cell.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml, Flowcytometric analysis: 0.5-1 µg/10<sup>6</sup> Cells

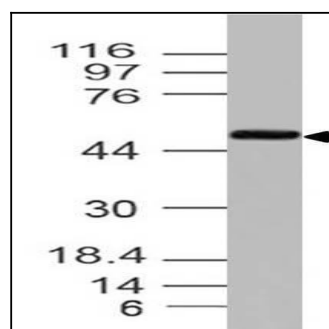


Figure-1: Western blot analysis of Ikk Gamma. Anti-Ikk Gamma antibody (Clone: ABM15D9) was tested at 2 µg/ml on human heart lysate.

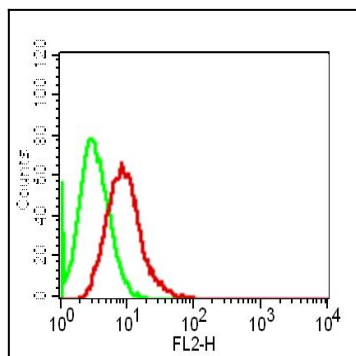


Figure-2: Intracellular flowcytometric analysis of Ikk Gamma in MCF-7 cell line using 0.5  $\mu\text{g}/10^6$  cells of Anti-Ikk Gamma (Clone: ABM15D9). Green Represent isotype control and red represent Anti-Ikk Gamma (10-6017 Abeomics). Goat Anti-Mouse PE conjugated was used as secondary antibody.

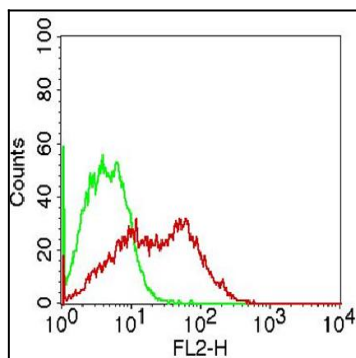


Figure-3: Intracellular flowcytometric analysis of Ikk Gamma in HeLa cell line using 0.5  $\mu\text{g}/10^6$  cells of Anti-Ikk Gamma (Clone: ABM15D9). Green Represent isotype control and red represent Anti-Ikk Gamma (10-6017 Abeomics). Goat Anti-Mouse PE conjugated was used as secondary antibody.