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10-6003: Monoclonal Antibody to IkB alpha (Clone: ABM10F4)

Clonality: Monoclonal **Clone Name:** ABM10F4 **Application:** FACS.WB Reactivity: Human Gene: **NFKBIA** Gene ID: 4792 **Uniprot ID:** P25963 Format: **Purified**

NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Major histocompatibility complex enhancer-**Alternative Name:**

binding protein MAD3, IkappaBalpha

Isotype: Mouse IgG1, Kappa

A partial length recombinant IkB alpha protein (amino acids 28-309) was used as immunogen Immunogen Information:

for this antibody.

Product Info

Amount: 25 μg / 100 μg

Purification: Protein G Chromatography

 $25~\mu g$ in $50~\mu l/100~\mu g$ in $200~\mu l$ PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

WB: 4-6 μg/ml, FACS: 0.5-1 μg/10⁶

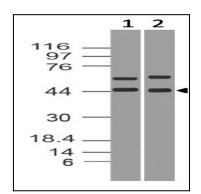


Fig-1: Western blot analysis of IkB alpha. Anti-IkB alpha antibody (Clone: ABM10F4) was used at 4 μ g/ml on MCF7 and PC3 lysate.



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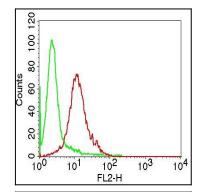


Fig-2: Intra cellular flow analysis of IkB alpha in Hela using 0.5 μ g/10^6 cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IkB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

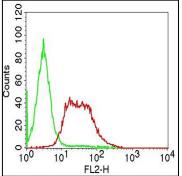


Fig-3: Intra cellular flow analysis of IkB alpha in Jurkat using $0.5 \mu g/10^6$ cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IkB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.