

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM10F4
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	NFKBIA
<b>Gene ID :</b>	4792
<b>Uniprot ID :</b>	P25963
<b>Format :</b>	Purified
<b>Alternative Name :</b>	NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Major histocompatibility complex enhancer-binding protein MAD3, IκappaBα
<b>Isotype :</b>	Mouse IgG1, Kappa
<b>Immunogen Information :</b>	A partial length recombinant IκB alpha protein (amino acids 28-309) was used as immunogen for this antibody.

### 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

WB: 4-6 µg/ml, FACS: 0.5-1 µg/10<sup>6</sup>

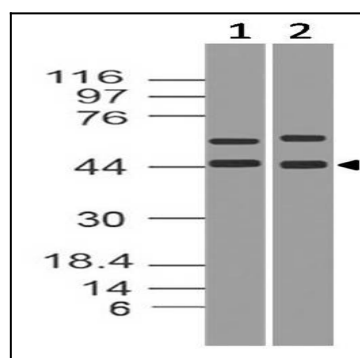


Fig-1: Western blot analysis of IκB alpha. Anti-IκB alpha antibody (Clone: ABM10F4) was used at 4 µg/ml on MCF7 and PC3 lysate.

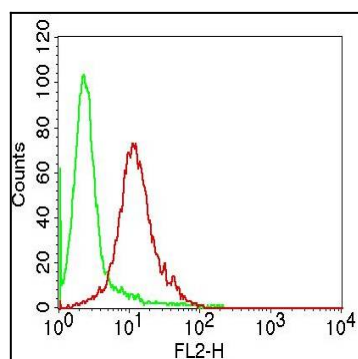


Fig-2: Intra cellular flow analysis of IκB alpha in HeLa using 0.5 μg/10<sup>6</sup> cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IκB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

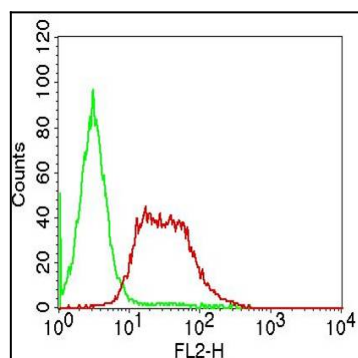


Fig-3: Intra cellular flow analysis of IκB alpha in Jurkat using 0.5 μg/10<sup>6</sup> cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IκB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.