ABGENEX Pvt. Ltd., E-5, Infocity, KIIT Post Office, Tel: +91-674-2720712, +91-9437550560 Email: info@abgenex.com Bhubaneswar, Odisha - 751024, INDIA

## 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

Alternative Name:

NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Major histocompatibility complex enhancer-binding

protein MAD3, IkappaBalpha

**Isotype:** Mouse IgG1, Kappa

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

this antibody.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification:** Protein G Chromatography

Content: 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.

Storage condition:

Storage condition:

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/10^6

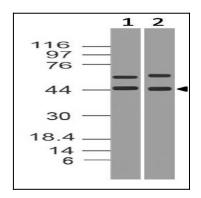


Fig-1: Western blot analysis of IkB alpha. Anti-IkB alpha antibody (Clone: ABM10F4) was used at 4  $\mu$ g/ml on MCF7 and PC3 lysate.



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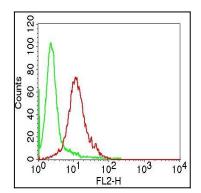


Fig-2: Intra cellular flow analysis of IkB alpha in Hela using 0.5  $\mu$ g/10^6 cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IkB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

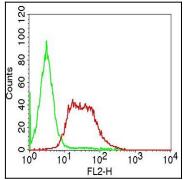


Fig-3: Intra cellular flow analysis of IkB alpha in Jurkat using 0.5  $\mu$ g/10^6 cells of antibody (Clone: ABM10F4). Green represents isotype control; red represents anti-IkB alpha antibody. Goat anti-mouse PE conjugate was used as secondary antibody.