

## 10-4095: Monoclonal Antibody to Human TNF-alpha (Clone: ABM3D89)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM3D89
<b>Application :</b>	ELISA,FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNF
<b>Gene ID :</b>	7124
<b>Uniprot ID :</b>	P01375
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Tumor necrosis factor,Cachectin ,Tumor necrosis factor ligand superfamily member 2
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	Full-length recombinant human TNF alpha was used as the 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

Flowcytometric application 2-4 µg/10<sup>6</sup> Cells

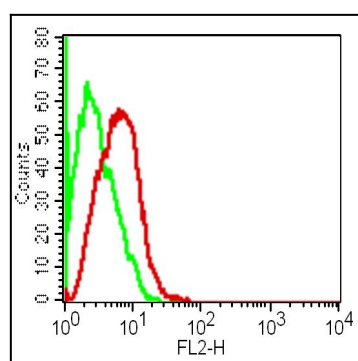


Figure-1: Intracellular flowcytometric analysis of TNF Alpha in HeLa cells using 2 µg/10<sup>6</sup> cells of Anti-TNF alpha (Clone: ABM3D89). Green represents isotype control and red represents Anti-TNF alpha (10-4095 Abeomics). Goat anti-mouse PE conjugated was used as secondary control.

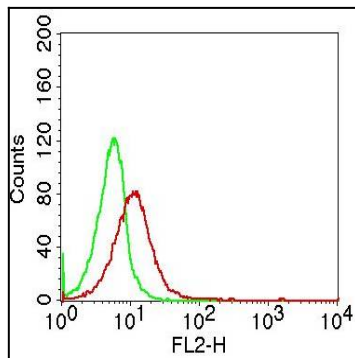


Figure-2: Intracellular flow cytometric analysis of TNF alpha on PMA and Ionomycin treated PBMCs using 2  $\mu\text{g}/10^6$  cells of TNF alpha (10-4095) antibody. Green represents isotype control, red represents anti-TNF alpha antibody (ABM3D89). Goat anti-mouse PE conjugate was used as secondary. The cells are lymphocyte gated.