

10-8011: Monoclonal Antibody to Myogenin (Clone: ABM30A5)

Clonality :	Monoclonal
Clone Name :	ABM30A5
Application :	FACS, WB
Reactivity :	Human
Gene :	MYOG
Gene ID :	4656
Uniprot ID :	P15173
Format :	Purified
Alternative Name :	Myogenin, Class C basic helix-loop-helix protein 3, bHLHc3, Myogenic factor 4, Myf-4
Isotype :	Mouse IgG1
Immunogen Information :	Full length recombinant protein of Myogenin was used as the immunogen for this antibody.

Product Info

Amount :	25 µg / 100 µg
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 :	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/10⁶ cells

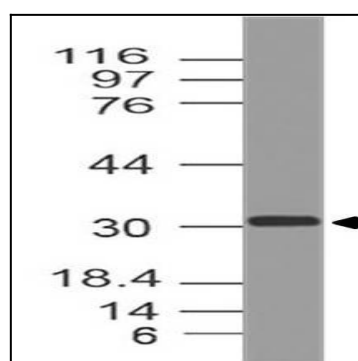


Figure-1: Western blot analysis of Myogenin. Anti-Myogenin antibody (Clone: ABM30A5) was used at 2 µg/ml on hHeart lysate.

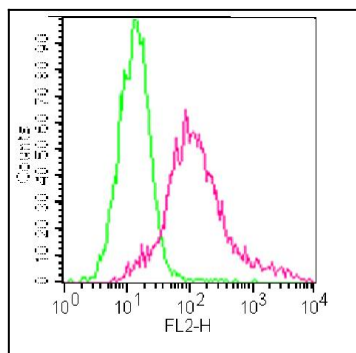


Figure-2: Intracellular flow cytometric analysis of Myogenin in human PBMC (Lymphocytes) at $0.5 \mu\text{g}/10^6$ cells of Anti-Myogenin antibody (ABM30A5). Green represent isotype control and red represent Anti-Myogenin antibody (10-8011 Abeomics). Goat Anti-Mouse PE conjugated was used as the secondary antibody.

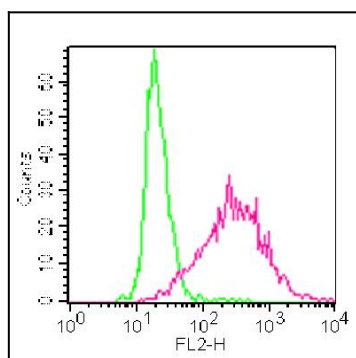


Figure-3: Intracellular flow cytometric analysis of Myogenin in human PBMC (monocytes) at $0.5 \mu\text{g}/10^6$ cells of Anti-Myogenin antibody (ABM30A5). Green represent isotype control and red represent Anti-Myogenin antibody (10-8011 Abeomics). Goat Anti-Mouse PE conjugated was used as the secondary antibody.