

KD-Validated Anti-BMAL1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

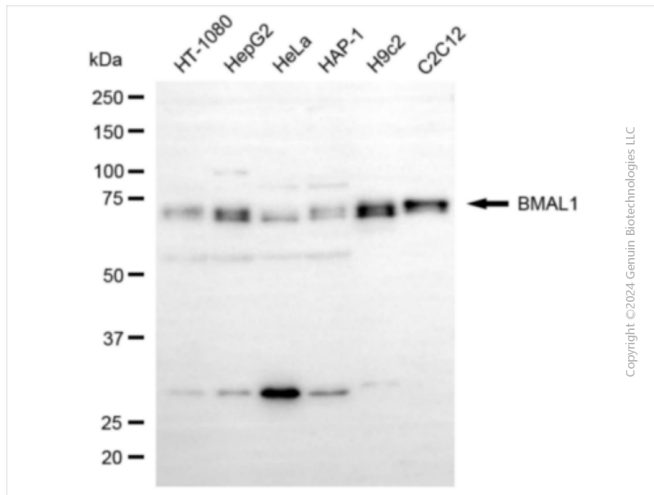
ABG1900

Product Overview

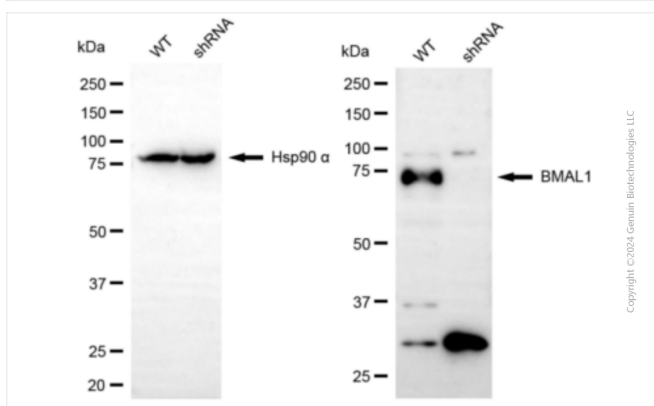
Name	KD-Validated Anti-BMAL1 Mouse Monoclonal Antibody
Accession(Primary)	O00327
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ARNTL
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 69 kDa, observed, 69 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:2,000

Target information (O00327)

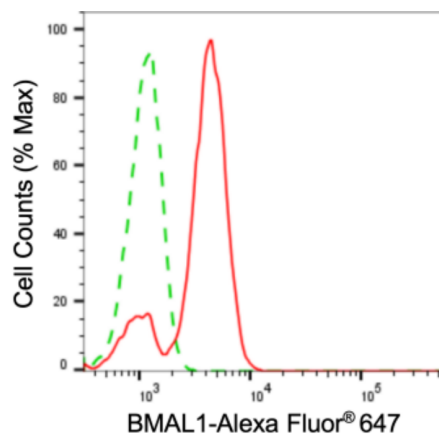
Gene Name	BMAL1
About Gene Symbol	BMAL1 (Basic Helix-Loop-Helix ARNT Like 1) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and



Western blotting analysis using anti-BMAL1 antibody (Cat#ABG1900). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BMAL1 antibody (Cat#ABG1900, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-BMAL1 antibody (Cat#ABG1900). BMAL1 expression in wild type (WT) and BMAL1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BMAL1 antibody (Cat#ABG1900, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of BMAL1 expression in C2C12 cells using anti-BMAL1 antibody (Cat#ABG1900, 1:2,000). Green, isotype control; red, BMAL1.