

KD-Validated Anti-HIF 1 β Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

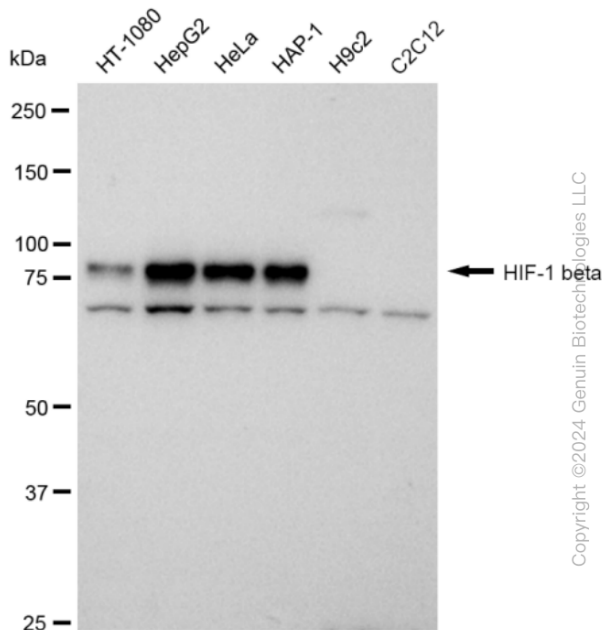
ABG2380

Product Overview

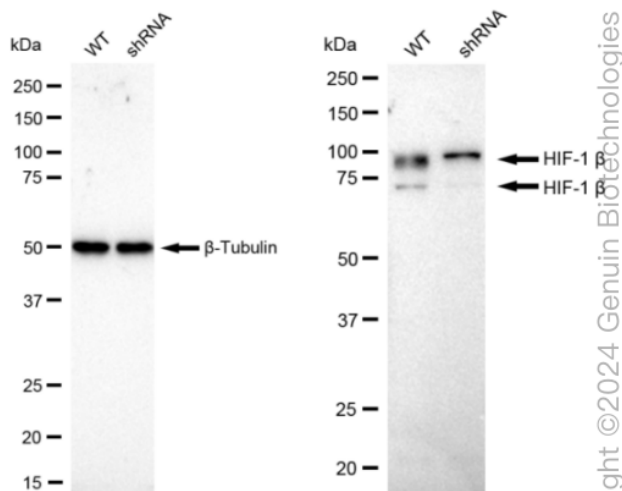
Name	KD-Validated Anti-HIF 1 β Rabbit Monoclonal Antibody
Accession(Primary)	P27540
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HIF-1 beta
Species Reactivity	Human
Calculated MW	Predicted, 87 kDa; Observed, 87 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P27540)

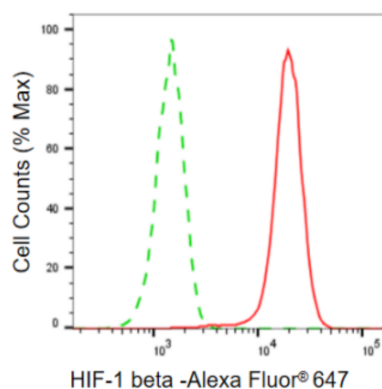
Gene Name	ARNT
About Gene Symbol	ARNT (Aryl Hydrocarbon Receptor Nuclear Translocator) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



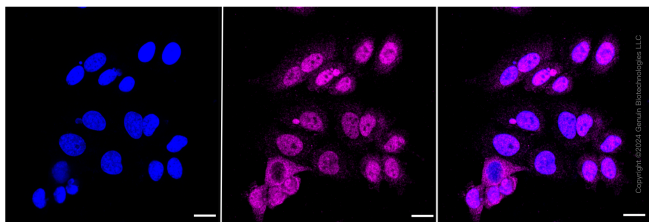
Western blotting analysis using anti-HIF 1 β antibody (Cat#ABG2380). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HIF 1 β antibody (Cat#ABG2380, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Western blotting analysis using anti-HIF-1 beta antibody (Cat#ABG2380). HIF-1 beta expression in wild type (WT) and HIF-1 beta shRNA knockdown (KD) HT-1080 cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-HIF-1 beta antibody (Cat#ABG2380, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Flow cytometric analysis of HIF-1 beta expression in HepG2 cells using anti-HIF-1 beta antibody (Cat#ABG2380, 1:2,000). Green, isotype control; red, HIF-1 beta.



Immunocytochemical staining of HepG2 cells with HIF-1 beta antibody (Cat#ABG2380, 1:1,000).

Nuclei were stained blue with DAPI; HIF-1 beta was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.