

KD-Validated Anti-Interferon regulatory factor 6 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

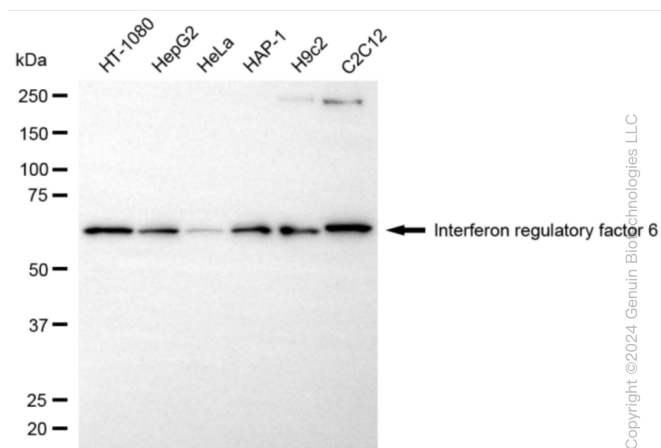
ABG1040

Product Overview

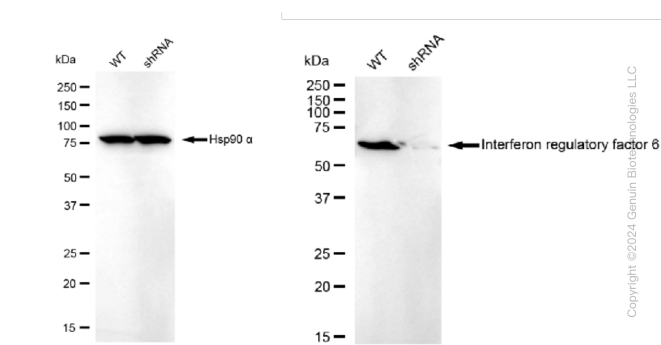
Name	KD-Validated Anti-Interferon regulatory factor 6 Rabbit Monoclonal Antibody
Accession(Primary)	O14896
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IRF6
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 53 kDa, observed, 60 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 (O14896)

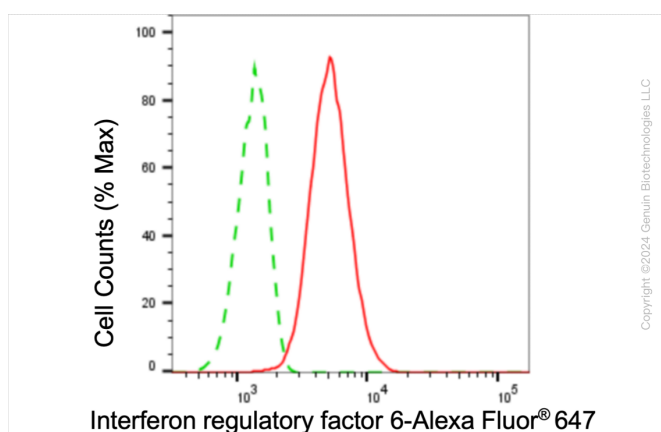
Gene Name	IRF6
About Gene Symbol	IRF6 (Interferon Regulatory Factor 6) is an interferon regulatory transcription factor involved in JAK-STAT/cytokine signaling and innate immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



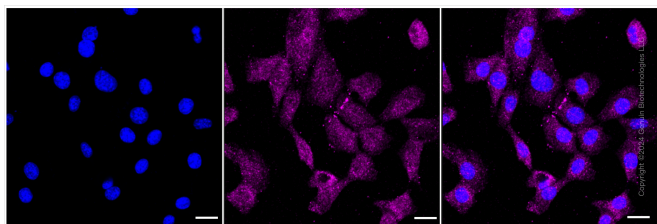
Western blotting analysis using anti-interferon regulatory factor 6 antibody (Cat#ABG1040). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-interferon regulatory factor 6 antibody (Cat#ABG1040, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-interferon regulatory factor 6 antibody (Cat#ABG1040). Interferon regulatory factor 6 expression in wild type (WT) and interferon regulatory factor 6 (IRF6) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-interferon regulatory factor 6 antibody (Cat#ABG1040, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of interferon regulatory factor 6 expression in C2C12 cells using Interferon regulatory factor 6 antibody (Cat#ABG1040, 1:2,000). Green, isotype control; red, interferon regulatory factor 6.



Immunocytochemical staining of HepG2 cells with anti-interferon regulatory factor 6 antibody (Cat#ABG1040, 1:1,000). Nuclei were stained blue with DAPI; Interferon regulatory factor 6 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.