9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

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

Rabbit monoclonal antibody

ABG1040

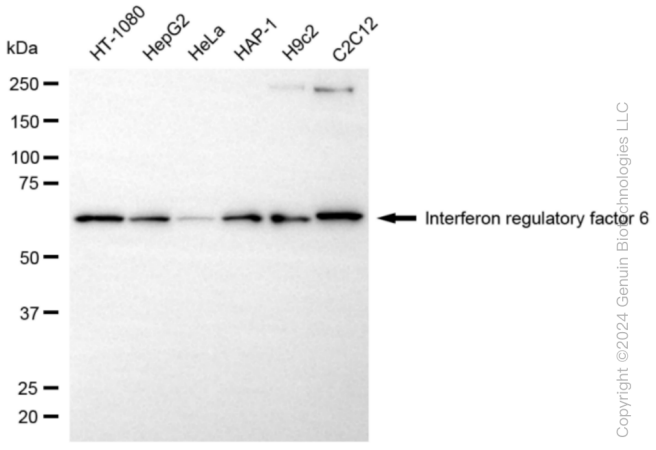
Product Overview

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

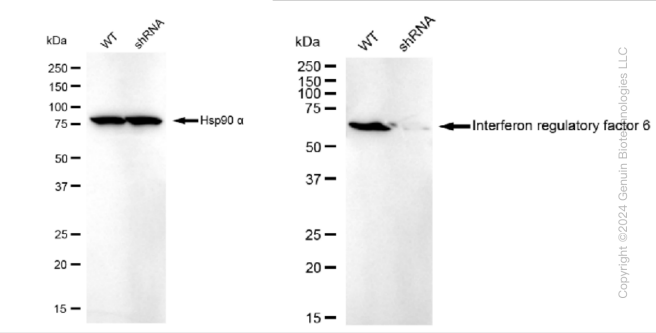
Target information (O14896)

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.

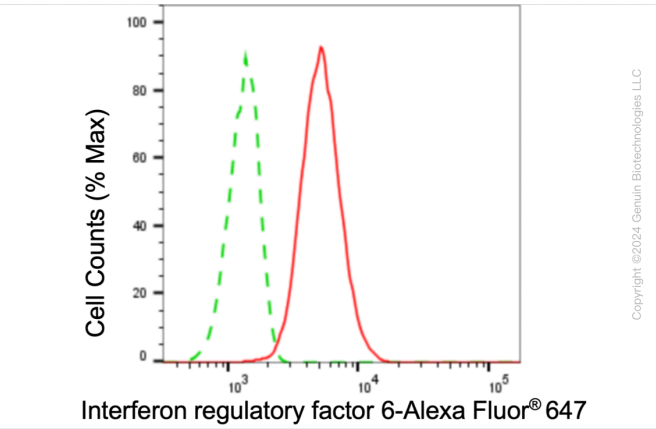
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Western blotting analysis using anti-interferon regulatory factor 6 antibody (Cat#ABG1040). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-interferon regulatory factor 6 antibody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

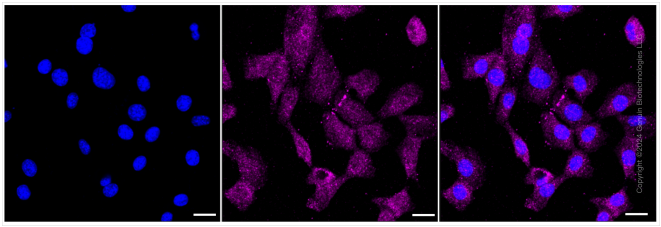


Western blotting analysis using anti-interferon regulatory factor 6 antibody (Cat#ABG1040). Interferon regulatory factor 6 expression in wild type (WT) and interferon regulatory factor 6 (IRF6) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The 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.

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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 µm.