9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-ISG15 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1567

Product Overview

Name	KD-Validated Anti-ISG15 Rabbit Monoclonal Antibody
Accession(Primary)	P05161
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ISG15
Species Reactivity	Human
Calculated MW	Predicted, 18 kDa , observed , 15 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 Immunocytochemistry (IC): 1:1,000

Target information (P05161)

Gene Name	ISG15
About Gene Symbol	ISG15 (ISG15 Ubiquitin Like Modifier) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling and ubiquitin-proteasome pathway. 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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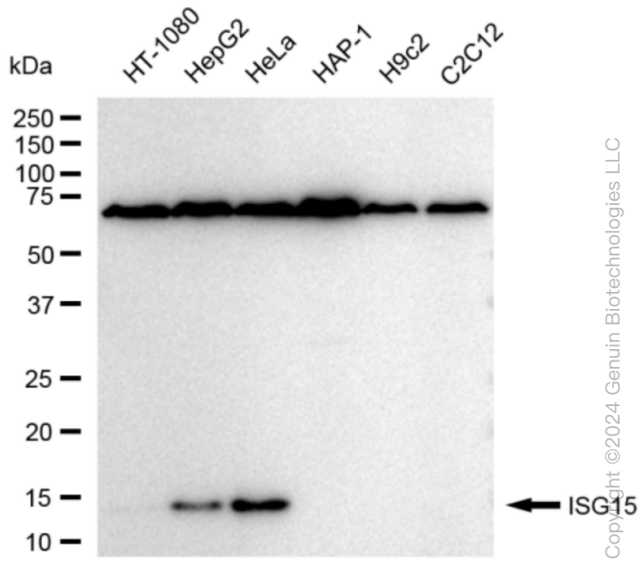

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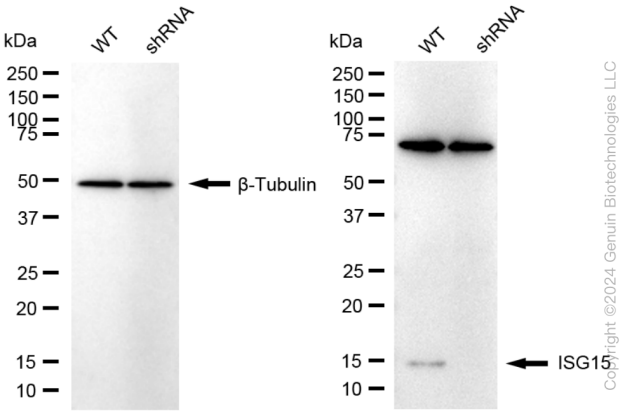
Western blotting analysis using anti-ISG15 antibody (Cat#ABG1567). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ISG15 antibody (Cat#ABG1567, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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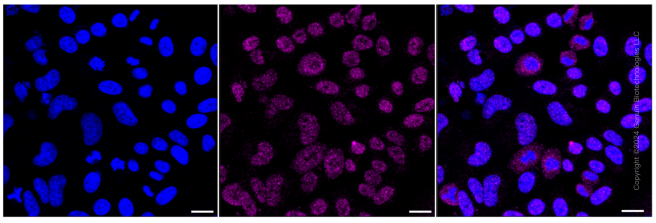
Western blotting analysis using anti-ISG15 antibody (Cat#ABG1567). ISG15 expression in wild-type (WT) and ISG15 shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-ISG15 antibody (Cat#ABG1567, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-ISG15 antibody (Cat#ABG1567, 1:1,000). Nuclei were stained blue with DAPI; ISG15 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.