

KD-Validated Anti-ISG15 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

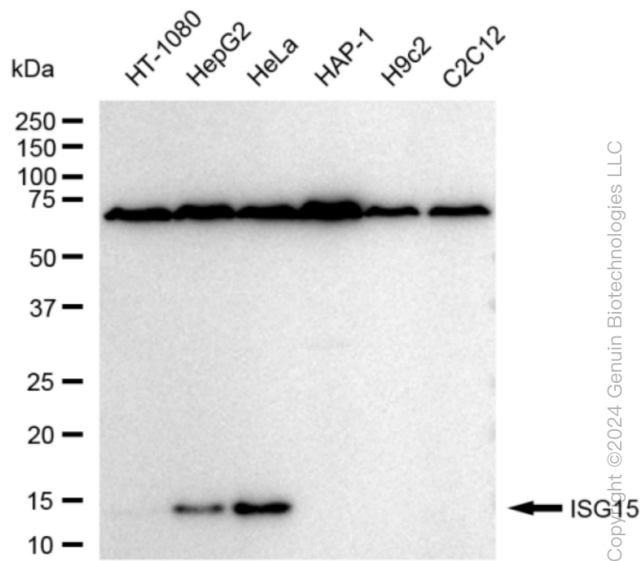
ABG1567

Product Overview

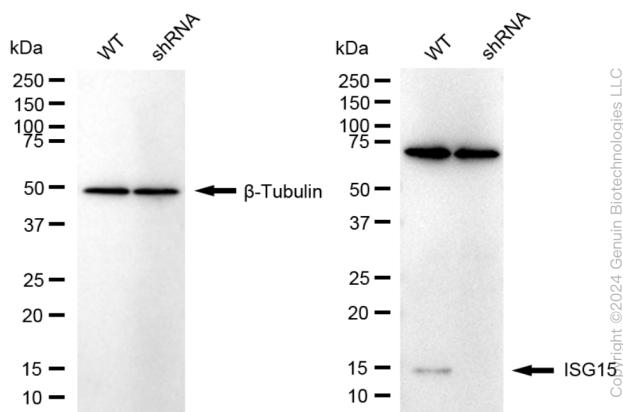
Name	KD-Validated Anti-ISG15 Rabbit Monoclonal Antibody
Accession(Primary)	P05161
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ISG15
Species Reactivity	Human
Calculated MW	Predicted, 18 kDa , observed , 15 kDa
Storage Buffer	Supplied in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

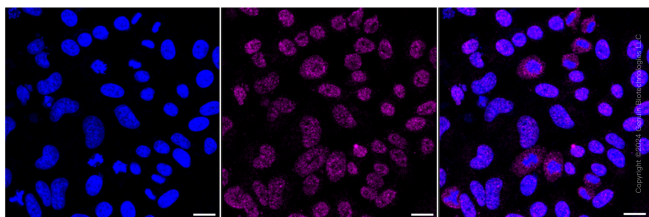
Gene Name	ISG15
About Gene Symbol	ISG15 (ISG15 Ubiquitin Like Modifier) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling and ubiquitin-proteasome pathway. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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.



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.