

Product Name: KD-Validated ISG15 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01033**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 17.9kDa

Antigen Information

Gene Name	ISG15
Alternative Names	ISG15; ISG15 Ubiquitin Like Modifier; UCRP; IFI15; G1P2; Interferon, Alpha-Inducible Protein (Clone IFI-15K); Ubiquitin Cross-Reactive Protein; Ubiquitin-Like ProteinISG15; HUCRP; IP17; Interferon-Induced 17-KDa/15-KDa Protein; Interferon-Stimulated Protein, 15 KDa; Interferon-Induced 15 KDa Protein; Interferon-Induced 17 KDa Protein; IMD38
Gene ID	9636.0
SwissProt ID	P05161
Immunogen	A synthesized peptide derived from human ISG15

Background

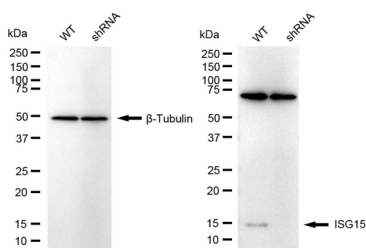
The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation

by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]

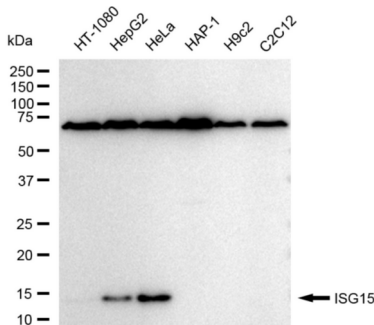
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using ISG15 antibody (KVA01033). 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 ISG15 antibody (KVA01033, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ISG15 antibody (KVA01033). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ISG15 antibody (KVA01033, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.