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# anti-ISG15 antibody (N-Term)



**Images** 



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This ISG15 antibody is un-conjugated	
)), Enzyme	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide between 39~68 amino acids from the N-terminal region of Human ISG15. Genename: ISG15
Isotype:	Ig Fraction
Specificity:	This antibody is specific to ISG15 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## **Target Details**

Target:	ISG15	
Alternative Name:	ISG15 / G1P2 (ISG15 Products)	

## Target Details

Background:	ISG15 is secreted from monocytes in response to type I interferons and causes natural killer
	(NK)-cell proliferation and an augmentation of non-MCH (major histocompatibility complex)-
	restricted cytotoxicity. Synthesis is stimulated by IFN-alpha or IFN-beta or IFN-omega , but not
	IFN-gamma . ISG15 expression is also induced by overexpression of interferon regulatory
	factors that participate in transcriptional regulation of IFN genes, and by influenza B virus.
	ISG15 is secreted also by cell lines of monocyte, T-lymphocyte, B-lymphocyte, human
	fibroblasts, and epithelial origins. The induction of terminal differentiation in human melanoma
	cells is associated with alterations in ISG15 expression. Enhancement of NK cell proliferation,
	augmentation of non-major histocompatibility complex-restricted cytotoxicity, and induction of
	IFN-gamma from T cells identify ISG15 as a member of the cytokine cascade and suggest that
	it may be responsible for amplifying and directing some of the immunomodulatory effects of
	IFN-alpha or IFN-beta. ISG15 has has also been shown to function intracellularly as a ubiquitin
	homolog.Synonyms: Interferon-induced 15 kDa protein, Interferon-induced 17 kDa protein,
	UCRP, Ubiquitin cross-reactive protein
Gene ID:	9636, 9606
UniProt:	P05161
Application Details	
Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
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Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

Storage Comment:

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

#### **Images**

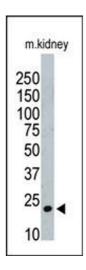


Image 1.

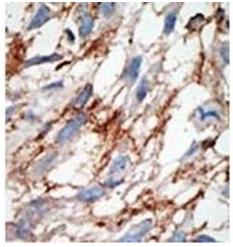


Image 2.

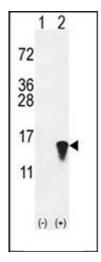


Image 3.

Please check the product details page for more images. Overall 5 images are available for ABIN356679.