

Datasheet for ABIN387985
anti-ISG15 antibody (AA 72-99)



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1 Image

Overview

Quantity:	400 µL
Target:	ISG15
Binding Specificity:	AA 72-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISG15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ISG15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-99 amino acids from the Central region of human ISG15.
Clone:	RB15293
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ISG15
Alternative Name:	ISG15 (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 also been shown to function intracellularly as a ubiquitin homolog.

Molecular Weight: 17888

Gene ID: 9636

NCBI Accession: [NP_005092](#)

UniProt: [P05161](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

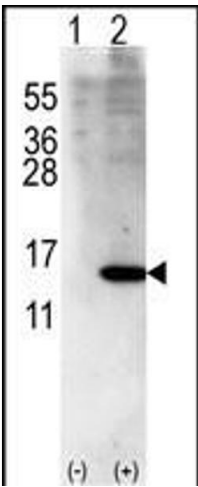
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of ISG15 (arrow) using rabbit polyclonal ISG15 Antibody (Center R87) (ABIN387985 and ABIN2844986). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with ISG15 gene (Lane 2) (Origene Technologies).